Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

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Volume 136 | OCTOBER 2, 1939 | Number 14

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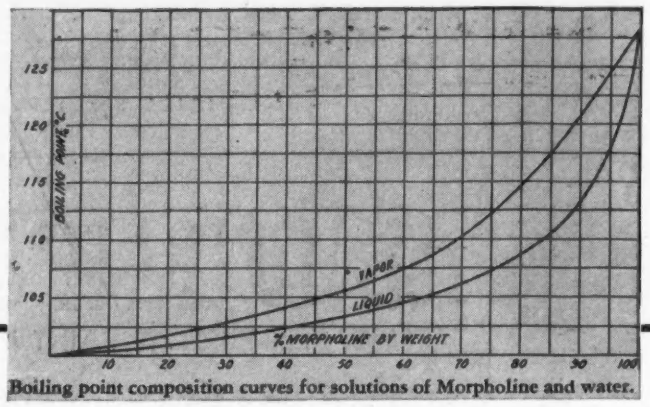

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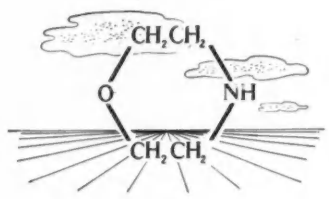

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Volume 136 OCTOBER 2, 1939 Number 14

N.W.D.A. to Analyze Distribution Factors

White Sulphur Springs, Sept. 27

A thorough-going study of distribution in all its aspects, from manufacturer to consumer, was set up as its major objective by the National Wholesale Druggists Association in its sixty-fifth annual meeting, which closed here today.

Toward this objective the association took a preliminary step in changing the names of several of its committees—the committee on research and relations was renamed the committee on trade promotions; the committee on proprietary goods is now the committee on distribution of proprietary goods. The committee on special lines was dropped in a movement to centralize merchandising activities, and a new committee on marketing statistics was added.

George V. Doerr
New N.W.D.A. President

Study of operating costs and the margins required to cover them was urged by President John C. Davis. The value of properly collated statistics on consumer habits was presented by A. C. Nielsen, who exhibited factual data from research in this field, as well as with respect to retailers' buying practices. Dr. R. F. Cawl brought out the opportunities for developing rural markets, pointing out that retail sales in

—Continued on page 35

Cosmetic Tax Regulations Published

OPD Washington Bureau
September 27, 1939

New regulations covering the manufacturers' excise tax on toilet preparations as amended by the revenue act of 1939 was published by the Bureau of Internal Revenue in the *Federal Register* today as Treasury Decision 4947.

In general the regulations paraphrase the new provisions of the law relating to arm's-length transactions, charges for covering for containers, and selling and advertising expenses. The tax of 10 percent applies on the selling price of the manufacturer, and under the old law the bureau attempted to determine whether or not the sale between related corporations was an arm's-length transactions by examining the extent of control of the corporations and estimating a fair market price. The new law sets up a statutory presumption that a sale is not at arm's length if 75 percent of the stock of one corporation is owned by the other, but this presumption may be overcome by competent evidence.

The new regulations also provide that any charge for coverings and containers shall be included in the taxable sales price only when these are furnished by the actual manufacturer. Another far-reaching change provides that advertis-

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U.S. to Sell Potash Leases in California

OPD Washington Bureau
September 27, 1939

Six units of potash-bearing areas, totaling 6,340 acres, of the public domain in Searles Lake, near Truno, San Bernardino county, Calif., will be offered for development at public auction to be held in the District Land Office at Sacramento, Calif., at 11 a.m., October 19, according to Harold L. Ickes, Secretary of the Interior.

Under the terms of sale, the successful bidder will be required to devote at least $750,000 to the development and production of the potash supply on the California public land tracts, expending $50,000 on each of three units, and $200,000 on each of the other three portions offered for lease.

Drug-Cosmetic Law For N.Y. City Argued

Consideration of the long-pending "consumer control" type of food, drug, and cosmetic law for this city was revived by the municipal council September 28, when a hearing on the measure was held by the general welfare committee.

The bill, especially in its requirements of registration of products and full formula disclosure, was opposed in the hearing by Hiram S. Hall, director of the Queens Chamber of Commerce, and L. L. Balleisen, secretary of the industrial division of the Brooklyn Chamber of Commerce. These opponents characterized the bill as a thinly veiled taxing effort which would compel the industries affected to withdraw from the city and would invite retaliation because of the barrier laid against interstate trade. They contended that the protection of the public health and welfare to which the bill was professedly directed was adequately provided by Federal and State laws.

Opposition to the bill was submitted also by John Denson, president of the Association of American Advertising Agencies. Dr. Charles Baran appeared in opposition to the bill as the representative of National Hairdressers and Cosmetologists Association.

Support of the measure was presented by Mrs. Helen P. Gans, of the Consumers League of New York, who said that she had been told that it had the approval of the medical societies of the five counties embraced by the city.

On the motion of Councilman Joseph E. Kinsley the committee submitted to the corporation counsel the question of the authority of the council to enact legislation of the sort proposed. If an affirmative ruling on this question is received, the committee will hold another hearing on the bill.

F.T.C. Order Upheld In A.&P. Brokerage Case

The brokerage clause of the Robinson-Patman act was held constitutional in a decision of the United States Circuit Court of Appeals for the Third Circuit, September 22. The decision sustained a cease and desist order issued by the Federal Trade Commission against the Great Atlantic & Pacific Tea Company, which prohibited the company from accepting allowances and discounts in lieu of brokerage on its purchases of commodities in interstate commerce.

The court held that the services rendered clause of the brokerage paragraph did not set up a condition upon which brokerage could be paid or al-

—Continued on page 48

F.W.D.A. Discusses Relations Of Manufacturers and Retailers

Separate sessions of the active members (cooperative wholesalers) and the associate members (manufacturers) in the forenoon, September 20, opened the twenty-fourth annual meeting of the Federal Wholesale Druggists Association held September 20 to 22 in Hot Springs, Va.

The separate sessions were devoted to discussions of matters peculiarly interesting to the two groups. Price policies of manufacturers, with the concomitant margin of profit provided for retailers, were of major interest among the wholesalers. The latter aspect of this subject was the only one brought by either group before the joint sessions, and the discussion there was not spirited.

The manufacturers talked a little about trade abuses, but their study of these had not reached the stage of declarative presentation. It was the feeling of some that claims for fire losses on the part of retailers were coming to need consideration. Some felt that manufacturers were asked too much for financial contributions to retailers' activities, and the thought was expressed that no advertising be given to temporary or occasional publications. It was also argued that associate membership in State fair trade committees and other organizations involved an unjustified cost.

The manufacturers were largely of the belief that prompt enactment of State drug laws in harmony with the new Federal law was desirable in order to prevent the passage of "consumer control" laws. In this connection it was suggested that, in States where the pure drug law is administered by the board of pharmacy, manufacturers should be represented in the membership of the boards.

Considerable emphasis was laid on the opinion that the new drug provision of the Federal law did not embrace preparations which were new only in dosage form. Others advised that the Federal Trade Commission be not given a free hand in "fishing" expeditions, but be kept to its legal limits

—Continued on page 33

New F.W.D.A. Officers

President, Sidney C. James, of the Ellicott Drug Company, Buffalo, N. Y.

Vice-president, W. W. Stephens, of the Drug Trading Company, Toronto, Ont.

Executive secretary (office left vacant; to be filled by the executive committee).

Treasurer, O. J. Schmitz, of the Snowden-Mize Company, Atchison, Kans.

Sergeant-at-arms, Paul Pearson, Washington, D. C.

Members of the executive committee, George A. Raab. of the Providence Wholesale Drug Company, Providence, R. I., chairman; J. J. Dreyer, of the New Jersey Wholesale Drug Company, Newark; Paul Pearson, Washington, D. C.; O. W. Osterlund, of the Philadelphia Wholesale Drug Company, Philadelphia, and O. J. Cloughly, of the St. Louis Wholesale Drug Company, St. Louis.

Chairman of associate members' division, William D. Barry, of Mallinckrodt Chemical Works, New York.

Treasurer of associate members' division, S. B. Penick, of S. B. Penick & Co., New York.

S. C. James
New President

George A. Raab
Retiring President

The New President

Sidney C. James, the new president of the Federal Wholesale Druggists Association, is general manager for the Ellicott Drug Company, cooperative wholesale house, Buffalo, N. Y. He has been associated with the company since 1920 when he became one of its directors. He was president of the company from 1924 to 1929, and became general manager in December, 1934.

Mr. James says that he is a "reconstructed retailer"; he conducted a retail drug store, under the name, "James the Druggist," in Buffalo from 1911 to 1935. He is a native of Birmingham, England, and was born April 27, 1884, the son of Sidney V. and Elizabeth (Barnard) James. But, his parents brought him to the United States when he was about one year old, locating in Wallingford, Conn. Later the family moved to Greenfield, Mass., where the son completed his education in the high school. He went to Buffalo in 1901 and attended the pharmacal school of the University of Buffalo, by which he was graduated as a bachelor of pharmacy in 1903.

Mr. James was vice-president of the Federal Wholesale Druggists Association during the past two years. He is a former president of the Greater Buffalo Drug Club, and is an active member of the Western New York Retail Druggists Association, the New York State Pharmaceutical Association, the National Association of Retail Druggists, and the American Pharmaceutical Association. He is a member of the Rotary Club of Buffalo, the Alumni Club of the University of Buffalo, and the Buffalo Trap and Field Club. He is affiliated with the Central Park Baptist Church, Buffalo, and is a Mason, a member of Republican lodge, Greenfield, Mass., and Buffalo consistory. His avocational interests lie in hunting, fishing, and field trials of shooting dogs, with particular partiality for English setters.

Mr. James and Miss Barbara J. Keller were married June 12, 1907, in Chippawa, Ont. Their home is at 29 Monticello place, Buffalo.

Closing Market Developments

(September 29, 1939)

London Closing Cable

London, Sept. 29, 1939

Carnauba wax is quoted 220s. per hundredweight; beeswax, 150s. per hundredweight; quicksilver, $108 ex warehouse.

Cresylic Acid Advanced

Prices for various grades of domestic cresylic acid were nominal and higher late in the week. Quotations follow:—High boil, car lots, freight equalized, 58c. per gallon, less car lots, same basis, 60c. per gallon; low boil, car lots, freight equalized, 58c. per gallon, less car lots, same basis, 60c. per gallon; special blends, car lots, freight equalized, 61c. per gallon, less car lots, 62c. per gallon.

Cottonseed Oil Steadier

Refined cottonseed oil futures were steadier late last week, a recovery of about 15 points following an early decline. Lard again weakened and there was further liquidation, but later on shorts covered. Final prices showed a sharp loss as compared with the previous week, however, with January ending at 6.99c. and March 7.19c.

Domestic Fluorspar Higher

Some factors were quoting 50c. per ton higher for various grades of domestic fluorspar late in the week. Washed gravel, 85.5 percent, f.o.b. mines, was quoted at $20.50 per ton, and No. 2 lump, 85.5 percent, f.o.b. mines, $20.50 to $22.50 per ton.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Latvia Exports:—The Latvian government has established export license requirements for lead, zinc, copper, aluminum, fuels and lubricants.

Medicinals:—A circular issued by the Argentine Exchange Control Office relaxes restrictions on certain commodities imported from the United States. Permits will now be granted freely for the importation of certain pharmaceuticals and drugs.

Palestine Port:—The government of Palestine has revoked the prohibition on the importation and exportation of merchandise through the port of Acre.

Petroleum Products:—Hongkong has prohibited, except with special government permission, the exportation of petroleum products.

Vegetable Oils:—Hongkong has prohibited, except with special government permission, the exportation of coconut oil, castor oil, and cottonseed oil.

Glidden Co. Opening Color Service Center

Cleveland, Sept. 29, 1939

The Glidden Color Service Center, new merchandising undertaking of the Glidden Company, was previewed tonight by a number of guests of the company. This latest enterprise on the part of the well-known manufacturer of paints and varnishes is designed to assist architects, builders, painters, and the public in selecting appropriate color schemes for interior and exterior decorating. It is located on the street level floor of the Union Commerce building in the heart of the city, and will be opened October 5.

Adrian D. Joyce, president of the Glidden Company, presided at the preview dinner at the Mid-Day Club. Fred B. Schaefer, nationally known merchandising counsel, explained the ingenious equipment which will present thousands of color combinations to home-owners, owners of business property, and other interested individuals for guidance in painting and decorating Lloyd L. Storey,

—Continued on page 40

Tanners Council to Meet In Chicago Oct. 19-20

The Tanners' Council of America will hold its annual meeting in the Palmer house, Chicago, October 19-20. The keynote of the meeting will be "Better Management." Inventory valuation under the last-in-first-out provision of the present revenue law, and effects of the war on the tanning business are scheduled for discussion.

Chemical Price Average Held

Some reductions came into the price picture of the heavy and fine chemicals markets last week, and their influence was sufficient to offset that of the still more numerous advances. Quicksilver, corn derivatives, and hydrofluoric acid were the major items in the downward movement.

Buying was slowed down during the period, chiefly in consequence of sellers' aversion to abet speculation. Considerable new business, both domestic and foreign, was offered, but sellers were not inclined to venture far in either direction.

Prices were advanced on antimony, oxide of antimony, antimoniate of soda, antimony salt, antimony white pigment, witherite, red and black oxides of copper, domestic fluorspar, manganese dioxide, metabisulphite of potash, strontium carbonate, "vacuum" salt, cresylic acid, turmeric, zinc dust, rosin oil, bronze powders, menthol, santonin, tartar emetic, copals, Batavia dammar, elemi gum, soybean protein, raw bone, menhaden scrap, several grades of tankage, and Eastern nitrogenous fertilizer-stuff.

Prices were reduced on quicksilver, hydrofluoric acid, corn syrup, tanner's corn sugar, corn dextrin, cornstarch, Straits tin, tetrachloride of tin, feeding tankage here, and medium grades of gum rosin.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 127.5 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 90.3, compared with 88.7 at this time last year and 90.3 in 1937.

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Soybean Oil Use Growing Rapidly

Climaxing a rapid growth for use in the manufacture of various edible and technical products at the expense of other vegetable oils, soybean oil has replaced cottonseed oil as the most important raw material consumed in the production of margarin, according to the National Cottonseed Products Association.

This increased consumption of soybean oil has been predicated on a broad expansion in the cultivation of soybeans in this country. The indicated production of soybeans in six principal producing Western States for current season was estimated September 1 by the Department of Agriculture at 70,514,000 bushels, a sharp increase over the previous year. In edible products other than shortening and margarin, soybean oil consumption increased from 509,000 pounds in 1934 to 11,280,000 pounds in 1938. Cottonseed oil also improved its position in this field from 155,000,000 pounds to 198,000,000 pounds. In shortening the use of soybean oil has increased from 2,700,000 pounds for the year 1934 to 137,100,000 pounds in 1938. Consumption of cottonseed oil in shortening remained approximately the same in both years, while the production of shortening increased.

The relative positions of cottonseed and soybean oils in the margarin market in July of the past four years are shown in the following table:—

	1,000 pounds		
July.	Margarin production.	Cottonseed oil. Quantity used.	Soybean oil. Quantity used.
1936.....	27,695	7,596	1,277
1937.....	26,215	9,261	1,962
1938.....	25,512	8,159	2,959
1939.....	19,262	5,518	5,592

Tung Oil Situation Outlined by Trigg

An outline of the current situation in respect of tung oil was sent to manufacturers of paints and related products September 26 by Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association. He cited much statistical data and comment which have appeared in the REPORTER during the past month, and told of the study of various factors that is being conducted by a special committee of the association.

The work of the Universal Trading Corporation in maintaining a continuous, although curtailed, supply of tung oil for distribution through dealers in this country was commended by Mr. Trigg, especially with reference to the corporation's restrictions on price boosts. It is Mr. Trigg's view that the supply of oil will be adequate under present consuming conditions within a few months.

D.of C. Names McConnell To Adivsory Group

OPD Washington Bureau
September 28, 1939

Robert E. McConnell has been named a business advisor to the Department of Commerce. A graduate of the School of Mines of Columbia University in 1910, Mr. McConnell subsequently formed the New York Stock Exchange firm of Foster, McConnell & Co. He is a former president of the Centrifugal Pipe Corporation, and established the Hazeltine Corporation, a radio manufacturing company.

Safety Congress to Meet In Atlantic City Oct. 16

The National Safety Congress will be held in Atlantic City October 16-21. Approximately 140 sessions will be held. More than 130 exhibits will display the recent developments in safety devices for the highway and industry. Among the speakers are Secretary of Labor Frances Perkins, Governor Leverett Saltonstall of Massachusetts, Governor A. Harry Moore of New Jersey, Harold G. Hoffman, former governor of New Jersey and now executive director of the New Jersey unemployment compensation commission; D. D. Fennell, president of the National Safety Council.

Participating in the 1938-39 competition of chemical section of the National Safety Council were more than 160 plants. Fifty-three plants achieved perfect records, of which the largest was made by the film manufacturing division of E. I. duPont de Nemours & Co., at Parlin, N. J.

Chemical Workers And Payrolls Gain

Employment Up 1.5 Percent—Payrolls Also Show Increase—Both Are Above 1938 Figures

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an increase of 1.5 percent from July 15 to August 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 2.9 percent above the corresponding level of 1938. Payrolls showed an increase of 3.2 percent from July 15 to August 15 and stood 4.8 percent above the corresponding level for 1938.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries August 15, 1939, was 112.1 (100 equals 1923-25 average), compared with 110.4 for July and 109.3 for August last year. For payroll totals the index number was 121.6 (same basis), compared with 117.8 for July and 116.0 for August last year.

The bureau's general index numbers for all manufacturing industries August 15, 1939, showed the following comparisons:—

	Aug. 1939.	July. 1938.	Aug. 1938.
Employment	96.4	93.5	88.8
Payroll totals	89.8	84.9	77.3

Employment in the chemical group of industries was 16.2 percent above the average for all industries. Payroll totals were 35.2 percent above the general average for all industries.

Detailed Comparisons

Employment
(100=1923-25 average)

	Aug. 1939.	July. 1938.	Aug. 1938.
Chemicals	119.4	117.1	112.2
Cottonseed oil, cake and meal	55.8	49.3	78.7
Druggists' preparations	107.4	105.9	109.5
Explosives	93.3	91.1	85.5
Fertilizers	73.4	73.4	77.3
Paint and varnishes	122.5	122.2	115.2
Petroleum, refining	122.7	121.8	123.1
Rayon and allied products	300.8	297.0	281.8
Soap	86.7	81.9	80.8

Payroll Totals
(100=1923-25 average)

	Aug. 1939.	July. 1938.	Aug. 1938.
Chemicals	137.4	130.8	123.2
Cottonseed oil, cake and meal	47.6	41.7	63.2
Druggists' preparations	118.9	117.9	116.9
Explosives	109.1	102.8	97.6
Fertilizers	61.1	63.4	65.6
Paint and varnishes	125.5	124.0	113.4
Petroleum	135.6	131.5	138.2
Rayon and allied products	284.4	283.3	264.5
Soap	103.2	99.0	94.9

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment. Aug.	Employment. July.	Payroll totals. Aug.	Payroll totals. July.
Metalliferous mining	60.6	59.1	54.3	45.7
Quarrying and non-metallic mining	48.1	47.4	42.7	40.8
Crude petroleum producing	66.7	67.5	61.8	62.4
Dyeing and cleaning	102.5	106.6	73.1	77.3

Employment in New York

Employment in factories producing chemicals and related products in New York State increased 1.6 percent from July 15 to August 15, 1939, and increased 2.4 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 2.9 percent from July 15 to August 15, and payroll increased 4.2 percent during the same period. The department's index of employment for August 15 was 83.0. The payroll index was 78.9. These indexes are based on the average years 1925-1927 as 100.

	Percentages. State.	City.
Drugs and industrial chemicals	+2.1	+2.9
Oil products	+4.3	+3.3
Paints and colors	+0.7	+0.9
Photographic and miscellaneous chemicals	+0.6	—9.6

Dr. Fischelis Appointed To N.J. Health Board

Dr. Robert P. Fischelis, executive secretary and chief chemist of the board of pharmacy of the State of New Jersey, has been appointed a member of the New Jersey State Board of Health. Because of the more complete control over the manufacture and distribution of drugs, devices and cosmetics provided in the new State law, the legislature amended the State health act to add a pharmacist to the Board of Health, and Dr. Fischelis is the first pharmacist to hold this appointment, which is for a four-year term under the amended act.

Alcohol Institute To Dissolve Jan. 15

The Industrial Alcohol Institute will be dissolved not later than January 15, 1940, according to a resolution unanimously adopted at a meeting of its board of directors September 21, 1939. The institute was organized February 20, 1926, and has co-operated since that date with scientific societies, trade organizations and others concerned in protecting and promoting the uses of industrial alcohol under Federal and State laws. In the resolution the board praised particularly the services of Miss R. E. Boyce, executive secretary, and James P. McGovern, general counsel.

Coghill to Direct U.S. Fermentation Study

OPD Washington Bureau
September 28, 1939

Dr. Robert D. Coghill, formerly assistant professor of chemistry at Yale University, has been appointed chief of the fermentation division of the Northern Regional Research Laboratory, Peoria, Ill., Dr. Henry G. Knight, chief of the Bureau of Agricultural Chemistry and Engineering, announced today. He will direct research involving the utilization of bacteria, yeasts, and molds as agents for converting wheat, corn, and agricultural waste products into chemicals such as alcohols, glycerol, acetic and other acids, and acetone. Dr. Coghill is the inventor of a greatly improved process used by a leading manufacturer for the purification of antitoxin.

Latin America Buys $6,000,000 of Toiletries

OPD Washington Bureau
September 27, 1939

Although a number of Latin American countries have developed substantial domestic toiletry and soap industries in the past decade or so, the area continues to import substantial quantities of such products, according to the Chemical Division of the Departbent of Commerce. Total imports of such products into these countries, including Central America, Mexico, and the Caribbean area, approximate $6,000,000 per annum, according to estimates of the Chemical Division. Approximately one-half of the total, or products valued at $3,000,000 per annum, has been supplied by the United States, $2,000,000 by France, $500,000 by the United Kingdom, and $200,000 by Germany.

Clark Heads Division On Latin American Data

OPD Washington Bureau
September 28, 1939

Lew B. Clark has been appointed chief of the Latin American division of regional information of the Department of Commerce. Clark succeeds George Wythe, who has been appointed liaison officer between the State and Commerce departments.

Born at Lynn, Mass., in 1891, Mr. Clark entered the service of the Department of Commerce in 1915 as clerk to the commercial attache in Lima, Peru, and until 1919 he served at various stations in South America as a special agent of the department. In 1928 he left the foreign service of the department to enter private business, and in 1930 organized the firm of McQueen and Clark, Inc., which rendered economic and financial services to business men and organizations interested in the Latin-American field.

Penna. Franchise Tax Held Constitutional

Pittsburgh, September 26, 1939

The franchise tax on out-of-state corporations doing business in Pennsylvania was upheld by the State Supreme Court today. Chief Justice John W. Kephart, in reversing the Dauphin County Court, ordered the record returned to the State Department of Revenue to resettle the tax against the Columbia Gas & Electric Corporation, which had challenged the act on the ground that it was discriminatory.

The law, which has netted Pennsylvania $21,000,000 since its enactment in 1935, imposes a tax of five mills on the "taxable value" of foreign corporations doing business in Pennsylvania and set up procedure to determine that value for Pennsylvania taxing purposes.

'Oil Trust' Probe Hearings Elicit Views on Integration

OPD Washington Bureau
September 29, 1939

Every aspect of the oil industry and every criticism that has been made against its present set-up are being thoroughly examined by the Temporary National Economic Committee at hearings which have been running all this week and are scheduled to continue for another ten days or so.

As previously announced, the TNEC is permitting the petroleum industry to make its own presentation in connection with the committee's general study of monopolistic practices and limitations on competition existing throughout all business, but only seven of the thirty-two witnesses scheduled are spokesmen for the American Petroleum Institute which was invited to prepare the presentation. Some of the other witnesses were invited by the committee, but most of them represent elements within the oil industry or closely associated with it which have special problems to explain or complaints to make. Also, while it is an industry presentation in the sense that government officials are not responsible for what goes into the record, all witnesses were required to submit their statements in advance and both the committee members and a special panel of attorneys from the Department of Justice have been subjecting the witnesses to severe cross-examination.

Many charts and statistical tables were placed in the record to show the extent of competition between the approximately twenty major oil concerns and the rest of the industry, and the bulk of the questions put to witnesses dealt with the extent of the power of the major companies to regulate prices and suppress competition in various ways. Particular attention is being given to the control of pipelines by the majors and to proposed legislation to divorce the majors from ownership of pipelines or of marketing facilities, or to disintegrate the majors in other ways.

National Defense Aspects

The importance of the oil industry in national defense is also being carefully noted. This subject was stressed in the opening statement of Senator Joseph C. O'Mahoney of Wyoming, chairman of the committee. Speaking of the committee's work in general, the chairman said that its task with respect to prices becomes more important as a result of the conflict in Europe because there are already fears of artificial and unjustified increases in prices; and, referring to the oil hearings, he declared that these are particularly timely because in a fully functioning economy it is probable that no industry has a more important place than the oil industry and in national crises the products of the oil industry are absolutely essential, and war makes a special demand for petroleum.

Prof. J. B. Ise, of the University of Kansas, a special investigator for the TNEC, presented a general picture of the growth and present structure of the oil industry, stressing particularly the dominating position of the twenty

—Continued on page 54

Exporters Discuss Shipping Terms

A discussion of the safest terms under which American shippers can operate featured the luncheon meeting of the Export Managers Club, held in the Hotel Pennsylvania, this city, September 26. Indications were that the majority of exporters were selling on a basis of f.a.s., in place of the c.i.f. terms generally quoted before the outbreak of the war. On the other hand, some sellers were adhering to the terms of f.o.b. railroad cars at factory, by which method the shipping problem became the buyer's.

Additional regulations governing the transactions of sales with foreign countries were placed in effect last week by which the world trade in chemicals and related products was further hampered. Among the regulations placed in force last week, as released by the Department of Commerce, were:—

Argentine Control

The Argentine exchange control authorities announced that importers holding prior permits permitting them to import merchandise at the official exchange rate may obtain exchange in the free market when it is to their advantage to do so.

Australian Exports

Australia has restricted the exportation of all goods except under license from the customs authorities. It has been reported that the United Kingdom will purchase all Australian surplus supplies of refined zinc, lead, and copper.

British India

India has placed an embargo on exports of specified goods to all countries except Burma, unless express permission is obtained from the collector of customs. Among the goods subject to these restrictions are:—Arms, ammunition, and explosives; optical instruments; surgical and

—Continued on page 25

U.S. Trade Balance Improves in August

United States exports, including reexports, amounted to $250,839,000 in August, compared with $229,629,000 in July and $230,790,000 in August of last year. Export trade during August of this year thus showed an increased in value of nine percent as compared with the preceding month and a like increase as compared with August, 1933.

The value of general imports, covering goods entered for storage in bonded warehouses as well as goods which entered merchandising channels immediately upon arrival in this country, amounted to $175,756,000 in August, as compared with $168,925,000 in July, 1939, and $165,516,000 in August, 1938. General imports were thus four percent higher in August than in July and six percent above those of August, 1938.

Included in the August, 1939, total of exports were:—Crude petroleum, $7,383,000; oilcake and oilcake meal, $781,000; naval stores, gums and resins, $993,000; coaltar products, $1,105,000; industrial chemicals, $2,391,000; pigments, $802,000; and soap and toilet preparations, $788,000.

Included in the August imports were:—Vegetable oils, expressed, $3,900,000; oilseeds, $2,500,000; chemicals and related products, $4,400,000; and petroleum and products, $4,200,000.

Merck & Co. Not on British 'Blacklist'

In a recent dispatch from London, published in a number of American newspapers, it was stated that several hundred foreign concerns had been placed on a "blacklist" by the British government. One of the concerns mentioned in the dispatch was "the Merck chemical company." Subsequent publication of the official list in full disclosed that the chemical company referred to was "Casa Chimica Merck," Brazil, and "Merck Quimica Argentina," of Argentine, South America.

To avoid any possible confusion in the minds of the American public, and to prevent any injustice being done, it is pointed out that the British government list did not refer to the firm of Merck & Co., Inc., manufacturing chemist, Rahway, N. J., or Merck & Co., Limited, Montreal, Canada, regardless of the similarity of names. Commenting on this situation, George W. Merck, president of Merck & Co., Inc., stated that the Rahway concern is an American company, incorporated under the laws of New Jersey; that its officers and directors are American citizens; that more than 99.5 percent of its stock is owned by approximately a thousand people in all walks of life, residing in the United States and Canada; that the company has no corporate connection with any concern outside of the United States with the exception of its wholly owned Canadian subsidiary, Merck & Co., Limited, Montreal; and that no foreign concern has any interest in Merck & Co., Inc.

Merck & Co., Inc., manufactures and distributes nearly 3,000 drugs and chemicals for the medical, dental, pharmaceutical, and allied professions; for various branches of industry, and for the general public. The company employs about 1,600 people. Its plants are located in Rahway, Philadelphia, and St. Louis, and it has a branch office and warehouse in this city.

HE TRAVELS A Single ROAD

THE Wheel Horse of the Paint Industry, represented by TITANOX pigments, is a faithful servant. For nearly twenty years he has stuck to his job without deviating from the road laid out for him in the beginning. That road is the improvement of white and tinted paints through the application of titanium derived pigments.

Never has he ventured into other roads than his own. First and last his energies have been directed to making paints whiter, brighter and more opaque, to making them more serviceable and more lasting. Always his important help has been available to paint makers needing assistance with new and troublesome problems involving the use of these modern white pigments.

Having traveled the titanium pigment road for so long a time, the Wheel Horse of the Paint Industry has learned many things about it—more than he could have learned had he made many detours. He has the best information at this time. He is the first to note improvements and to disseminate information regarding them. He still is the faithful servant of the Paint Industry. His knowledge and ability are available to you.

TITANOX
THE NEW WHEEL HORSE OF THE PAINT INDUSTRY
REG. U.S. PAT. OFF.

Our Service Department always is available for discussion of and cooperation in technical problems.

TITANOX

TRADE MARK

TITANIUM PIGMENT CORPORATION
Sole Sales Agent

111 Broadway, New York, N. Y.; Carondelet Station, St. Louis, Missouri; National Lead Co. (Pacific Coast Branch), 2240 24th Street, San Francisco, California.

RECEIVED OCT 2 1939 LIBRARY THE CHEMISTS' CLUB

Current Market Quotations

September 29, 1939

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots .....lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms, c.l., dlvd....lb. .05¾ .06
l.c.l., dlvd.....lb. .06¼- .06¾
tanks, dlvd.....lb. .04¼- .05
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.26
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys.....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys.....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
pure, 80%, bbls.....100 lbs. 3.28 - 3.53
cbys.....100 lbs. 3.78 - 4.03
86%, bbls.....100 lbs. 3.66 - 3.91
cbys.....100 lbs. 4.16 - 4.41
90%, bbls.....100 lbs. 6.15 - 6.40
cbys.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .26
Ascorbic, bots., dms.....os. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more .....lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
powd., bbls., contracts, 80 tons, dlvd., ten..111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .14 - .14½
Acid, caproic, dms., works....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14 - .14½
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N. Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N. Y. lb. .15¾- —
Dms., smaller quantities, dlvd., N. Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .11¼- .11¾
Corn, dist., dms.....lb. .10 Nom.
Cottonseed oil, dist., dms....lb. .08½- .09½
tanks .....lb. .08 - —
Cresylic, high-boil, dom c.l. works, frt. equld..gal. .58 Nom.
l.c.l., same basis.....gal. .60 Nom.
Special blends, dom., c.l., frt. equaled..gal. .61 Nom.
l.c.l., same basis.....gal. .63 Nom.
low-boil, dms., c.l. works frt. equaled..gal. .58 Nom.
l.c.l., same basis.....gal. .60 Nom.
imported, pale, dms.....gal. No prices
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l., lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11¼- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 Nom.
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 Nom.
single bbls.....lb. .80 Nom.
fib. dms., 25 lbs.....lb. .81 Nom.
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriotic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
lead cbys.....lb. .08 - .08½
48%, lead cbys.....lb. .10½- .11
52%, lead cbys.....lb. .11½- .12
60%, lead cbys.....lb. .14 - .14½
Hydronuosilic, 30-35%, 420 lb. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10¼- .11¼
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade .....lb. .13¼- .14½
80% 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .15¼- .15¾
Laurent's, bbls. .....lb. .45 —
Linseed oil, dark, dms.....lb. .14 Nom.
light, dms.....lb. .15 Nom.
extra white, dist., dms...lb. .16 Nom.
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs....lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0065- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, 20°, cbys., c.l., E. works..100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks, works ....100 lbs. 1.15 - —
22°, cbys., c.l., E. works.. 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
cryst., gran., bbls., car lots.lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .18¼- .18¾
Naphthenic, dom., acidity, 160, dms., c.l., works..lb. .07½- —
l.c.l., dms., works.....lb. .08 - —
tanks, works.....lb. .07 - —
200-220, dms., c.l., works..lb. .09½- —
l.c.l., dms., works.....lb. .10 - —
tanks, works.....lb. .09 - —
240, dms., c.l., works.....lb. .10 - —
l.c.l., dms., works.....lb. .10½- —
tanks, works.....lb. .09½- —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .07¾- .08¼
tanks .....lb. .07¼- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710 cbys., 160 lbs..lb. .12 - —
50%, s. g., 1,347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 Nom.
cns. .....lb. 1.10 Nom.
USP, cryst., cns.....lb. 1.45 Nom.
resubl., cns.....lb. 2.05 Nom.
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, com'l. split (see Acid, castor oil, split), tech. dms., c.l., works.....lb. .27 - —
l.c.l., dms., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist,, dms.....lb. .09½- .09¾
Stearic, distil., double pressed, bgs., dlvd..lb. .12½- .13½
single pressed, bgs., dlvd..lb. .12 - .13½
triple pressed, bgs., dlvd..lb. .15¼- .16¼
saponif., double pressed. bgs., dlvd..lb. .12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works, 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06¼- —
9-lb. bots.....lb. .16¼- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms....lb. .40 Nom.
USP, fluffy, bbls., 1,000 lb. lots..lb. .88 Nom.
100-lb. lots.....lb. .90 Nom.
25-lb. lots.....lb. .93 Nom.
powd., bbls., 1,000 lbs....lb. .78 Nom.
smaller lots.....lb. .80 Nom.
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment, lb. .31¼- —
smaller quantities.....lb. .31¾- —
kgs .....lb. .32¼- —
Tobias, bbls.....lb. .55 - .60

Acacia—Alcohol, Isopropyl

Acid, trichloroacetic, bots.....lb. 2.00 - 2.50
Tungsten, CP, kgs., wks....lb. No prices
Chem. grade, kgs., wks....lb. No prices
Aconite, leaves, bls.....lb. .40 - .42
Root, bls.....lb. .50 - .55
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.... lb. .26 - .27
hyd., dms.....lb. .25 - .26
Agar 1, bls.....lb. 1.50 Nom.
3, bls.....lb. No prices
Agaric, white, bls.....lb. No prices
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b Chicago, frt. alld..lb. .55 - .68
import, bgs.....lb. .60 Nom.
egg, ed., dom., cryst., bbls..lb. .64 - .66
dom., pwd., dms., bbls., lb. .69 - .71
import, cs.....lb. .68 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .12¼- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
tankwagon, frt. alld.....lb. .07½- —
secondary, dms., c.l., frt. pd., E. of Miss. R.....lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .29½- —
l.c.l., works, dms.....gal. .34½- —
tanks, E., works.....gal. .23½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31½- —
dms., c.l., E. works....gal. .26½- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19¼- —
Anhydrous 3c. per gal higher.
SD-2B., dms., c.l., works, E. gal. .24½- —
19 dms., works, E...gal. .26¼- —
1 to 18 dms., works, E. gal. .29½- —
tanks, E., works.....gal. .18¼- —
SD22-G, works, E., dms..gal. .30 - —
19 dms. .....gal. .32 - —
1 to 18 dms.....gal. .35 - —
tanks .....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l. dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.52 - —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.79½- —
19 dms.....gal. 4.83 - —
1 to 18 dms.....gal. 4.86 - —
Grain alcohol 25c. gal higher.
Furfuryl, tech., cns. works..lb. .35 - —
dms., c.l., 25,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies..lb. .0680- —
l.c.l., same terms.....lb. .0730- —
tanks, same terms.....lb. .0680- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .35 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .33½- —
tanks, frt., alld.....gal. .28½- —

Don't let a LITTLE LEAKAGE do a LOT OF DAMAGE

● **The damage done by leakage in drums cannot be measured only in loss of product. The loss is even greater in lessening of prestige and customer good-will.**

You can make *sure* there will be no leakage — and no tampering, pilferage or contamination — by equipping your drums with Tri-Sure Closures. The Tri-Sure plug and seal are positively leak-proof, and the seal cannot be removed without deliberately destroying it.

Tri-Sure Closures are your best insurance against every hazard of transportation. They are a guarantee sent with every shipment — telling customers that the exact quality and quantity ordered is being delivered.

See the Tri-Sure Exhibit in the Hall of Industrial Science, Chemicals and Plastics at the New York World's Fair.

AMERICAN FLANGE & MANUFACTURING CO. INC.
30 Rockefeller Plaza, New York

Tri-Sure
CLOSURES
Make Every Shipment a Safe Shipment

Alcohol, isopropyl, 90%, dms., 5 gal., same basis..gal. .65 - —
55 gal., c.l., same basis, gal. .56 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .22 - .23
Aloe, Barbados, true, cs.....lb. No prices.
Cape, cs.....lb. .25 - .29
Curacao, cs.....lb. .50 - .55
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .50 - .56
Aloin, 140-lb. bbls.....lb. 2.95 - —
100-lb. kgs.....lb. 2.97 - —
25-lb. fib. dms.....lb. 3.04 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .52 - .54
peeled, bls.....lb. .47 - .49
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd. .....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. .....lb. .09 - —
25%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd...lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Aluminum, oleate, dms., contro., lb. .16¾- —
open order .....lb. .17¾- .18½
Palmitate, precip., bbls.....lb. .24½- —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .17¾- —
l.c.l., ton.....lb. .18½- —
less than ton.....lb. .22½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.85 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .73 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .93 - —
standard, dms., 1,500 lbs.lb. .87 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .43 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 50,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Ammonia, anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l. .....lb. .02 - —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .30 - .33
Bifluoride, bbls.....lb. .14¼- 16¼
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, casks. .....lb. .09 - .13¼
USP, lump, dms.....lb. .06 - .17
powd., bbls., dms .....lb. .09 - .25
Chloride, tech. (see Ammonia, sal).
USP, gran., 225 lb. bbls....lb. .11 - .18
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .55 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.62 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works, 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .30
pure, gran.....lb. .32 - —
Perchlorate, kegs .....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.30
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y...lb. .09 - —
5 bbls., same basis.....lb. .09½- —
Stearate, anhydrous .....lb. .22 - —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Oct. shipt..ton. 27.25 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works .....lb. .12 - .13
tanks, dlvd. .....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .06½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 Nom.
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 6.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, casks.....100 lbs. No prices
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .13½
l.c.l., dlvd .....lb. .12 - .14
tanks, dlvd.....lb. .10½- .12¾
cns., works.....lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10¾- —
l.c.l., frt., alld.....lb. .11¾- —
tanks, frt., alld.....lb. .09¾- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works .....lb. .0665- —
tanks, works .....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .23 - .24
import, natural, bls.....lb. .80 - .85
twisted, bls.....lb. 1.25 - 1.30
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. 14¼- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .28 - .29
Star, bgs.....lb. .20 - .21
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .84 - .89
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. 17 -
Metal, spot.....lb. .14 Nom.
Needle, powd., bbls., kgs....lb. .20 Nom.
Oxide, bgs., c.l., dlvd....lb. .12 Nom.
l.c.l., ex whse.....lb. .14 Nom.
Salts, 65%, kgs.....lb. .38 Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .15½ Nom.
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .18 - .20
Arecoline hydrobromide, bots..oz. 6.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .75 - .80
Root, bls.....lb. .49 - .51
Arrowroot, St. Vincent, powd. bgs..lb. .08 - .08¾
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. No prices.
Chloride (arsenous), cns.....lb. 4.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .05 - —
l.c.l. .....lb. .05¾- —
Asafetida, cs. .....lb. .28 - .29
powd., bbls., bxs.....lb. .46 - .47
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs. c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 80.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 7.00 - —
Sulphate, bots. .....oz. 4.00 - —

B

Balm of Gilead buds, bgs....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.00 - 3.10
Barium carbonate, natural, 90-95%, grd., bgs., c.l., works, ton. 45.00 -47.00
99% thru 200 mesh, bgs., c.l., works..ton. 47.00 -49.00
precip., bgs., c.l., works..ton. 52.50 - —
Chicago .....ton. 55.00 - —
l.c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
bbls., c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
l.c.l., works.....ton. 62.50 - —
Chicago .....ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works.....ton. 62.50 - —
Chlorate, kgs.....lb. .19 Nom.
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla...ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 82.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., bgs., same basis..ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .14 - .15
Fluosilicate, bbls.....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .05 Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.45 4.80
Monoxide (see Oxide).
Nitrate, cks.....lb. .10½-Nom.
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .03½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 28.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 35.50 - —
New York.....ton. 32.00 - —

Alcohol, Isopro.—Black, Carb.

Barytes, dom., paper bgs., c.l., St. Louis..ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 33.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.85 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.95 - —
Los Angeles .....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 -
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No price.
l.c.l., ex whse.....ton. No prices.
German, ungrd., bulk, c.l., ex dock..ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse. .....ton. 32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .30 - .31
Root, bls.....lb. .40 - .45
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .35 - .60
USP, X, dms., 50 to 100 lbs..lb. .35 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .84 - —
dms. .....lb. .80 - —
Chloride, 96.97%, refd., dms., lb. .19 - .21
Cinnamate, cns. .....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 14.75 - —
Hydrochloride, cns. .....lb. 14.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .11 - .12
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls. .....lb. .16 - .21
Bismuth chloride, 5-lb. bots...lb. 3.30 - 3.35
Citrate, USP, VIII, 5-lb. bots., lb. 2.70 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.10 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs. .....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.30 - —
fib., dms.....lb. 1.15 - 1.16
Subcarbonate, bots., cns.....lb. 1.52 - 1.75
fib. dms. .....lb. 1.42 - 1.46
X-ray, 5-lb. bots.....lb. 2.49 - —
fib. dms.....lb. 2.35 - —
Subgallate, bots., cns.....lb. 1.67 - 1.80
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.85 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.36
fib. dms. .....lb. 1.23 - 1.26
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, dutr paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .13 - —
l.c.l., frt. alld. E.....lb. .13½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .16¼- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09¼- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08¼- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E...lb. .06¼- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E. lb. .10 - —
l.c.l. frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd...lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .23 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., cs., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra) .....lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —

Black, Carbon—Chloroform

Black, carbon, standard, 50,000 lbs., dlvd., Zone C (Pac. Cst., States)..lb. .0319- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0335- —
D (Ill., Ia., Wis.)...lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico), f.o.b. border..lb. .03 - —
f.o.b. N. Orleans..lb. .0290- —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
Black, carbon, standard, bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports..lb. .05¼ Nom.

Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N.Y. lb. .04¼- —
B bbls. works or N. Y....lb. .05½- —

Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .24 - .25
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .18 - .20
Blane fixe, dry, by-product, bgs., c.l....ton.60.00 - —
l.c.l. .....ton.65.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
pulp 66⅔% bulk, c.l., works, ton.40.00 -42.00
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 4.25 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 4.25 - —
import, bgs., c.l.f. ports, shipt., unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, La.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 4).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 2.75 - —
Victoria, kgs.....lb. 2.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .32 - .37
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .37

Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 6c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.
Bluefing root, bls. .....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.47 - —
powd., cns.....lb. 1.49 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works...100 lbs. 4.60 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.95 - —
1-5 bbls., same basis..... 100 lbs. 5.20 - —
monohydrated, dms., c.l. dealer, f.o.b. works...100 lbs. 9.15 - 9.40
l.c.l. dealer.....100 lbs.10.15 -10.40
Bluestone (see Blue vitriol)
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.34.00 - —
import, bgs., c.l.f. ports.ton.33.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 - —
Bone meal, import, 100-lbs., bgs., c.l.f., ports, shipt..ton.27.00 Nom.
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton. No prices.
Boneset leaves, bales.....lb. .06 - .09
Borage flowers, bales.....lb. .23 - .24
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½ - —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms. over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .16 - .18
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works. lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¼- —
2, bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .06¼- —
7, bbls., same basis...lb. .06 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis...lb. .06¾- —
11, bbls., same basis...lb. .06¾- —
12, bbls., same basis...lb. .06¼- —
13, bbls., same basis...lb. .06 - —
14, bbls., same basis...lb. .05½- —
raw, American, bbls., works, lb. .02½- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis...lb. .06 - —
11, bbls., same basis...lb. .05 - —
umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¾- .06
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .17 - .18
Buchu leaves, bls.....lb. .60 - .65
Buckthorn bark, true, bls.....lb. .12 - .15
cut and sifted, bbls.....lb. .16 - .18
Berries, bgs.....lb. .30 - .32
Burdock root, bls.....lb. .15 - .16
Burgundy pitch, dom., bbls...lb. .05 - .05¼
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, contract, frt. alld..lb. .07 - —
tankwagons, frt. alld.....lb. .07¼- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17¼
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 gal. dms., dlvd..lb. .35 - —
5 gal. cns.....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Lithopone (see Yellow).
Metal, pat. shapes, cs.....lb. .70 - —
ingots, or sticks.....lb. .65 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb., 10,000 lbs., or more...lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more, lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs. .....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .27 - .28
Calamus root, peeled, N.F., cs. lb. .22 - .23
bleached, bls.....lb. .65 - .70
Calcium acetate, bgs., dlvd. 100 lbs. 1.75 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during July, August, September.....ton.27.25 - —
Palmitate, bbls.....lb. .23½- .24½
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .21½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80% CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls.,200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .40 - .41
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.57 - —
Camphor, natural, powd., cs...lb. .70 - .75
slabs, cs. .....lb. .70 - .75
tablets, tins .....lb. .75 - .80
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .50 Nom.
1,000-lb. lots.....lb. .51 Nom.
smaller lots.....lb. .52 Nom.
tablets, 2,000-lb. lots....lb. .63 Nom.
1,000-lb. lots.....lb. .64 Nom.
smaller lots.....lb. .65 Nom.
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04½- .05
Morocco, bgs.....lb. .04¼- .04½
Turkish, bgs.....lb. .04½- .05
Canella alba bark, bls.....lb. .29 - .30
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. .90 - .95
powd., bxs. .....lb. 1.10 - 1.15
Russian, cs. .....lb. 3.25 - 3.30
powd., bxs. .....lb. 3.75 - 3.80
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .16½- .17
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98% dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .06 - —
l.c.l. same basis.....lb. .06¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07¼
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 — .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l..frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal., dms., c.l.gal. .83 - —
l.c.l .....gal. .99 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss. Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4, includes Wash., Idaho Montana, Ore., Cal., Nev., Utah and Arizona

Cardamom, bleached, cs.....lb. 1.55 - 2.00
decorticated, cs. .....lb. .95 - 1.10
green, bgs. .....lb. .65 - .90
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk..lb. .12 - .13
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .20 - —
5 tons, works.....lb. .21½- —
smaller lots, works.....lb. .23 - —
80-100 mesh, bgs.....lb. .20½- —
5 tons, works.....lb. .22 - —
smaller lots, works.....lb. .23½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .17 Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .17½ Nom.
French, 30 mesh, bgs., c.l., duty paid..lb. .14 Nom.
Cassia, Batavia, 1, bgs.....lb. .19 - .19½
shortstick, bls.....lb. .15 - .16
broken, bls.....lb. .12½- .13
China, rolls, select, bls.....lb. .11½- .12
broken, extra, bls.....lb. .11 - .11½
Saigon, bls. .....lb. .19 - .22
Cassia, buds, cs.....lb. .15 - .16
Cassia fistula, bsktS.....lb. .18 - .19
Castile soap, Italian, white, bars, 40 lb. cases..case.14.00 - —
powd, bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 6½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.18.00 - —
Catnep leaves, Southern, bls...lb. .22 - .23
Celery seed, French, bgs.....lb. .27½- .28
Indian, bgs. .....lb. .23½- .24
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .52
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515 - —
100 to 900 lbs.....lb. .525 - .54
Triacetate, flake, ca., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .60 - .65
Roman, bls.....lb. .60 - .65
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.86.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02¼- —
l.c.l., bbls., wks.....lb. .02¾- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., csks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —

Chloropicrin, comi, 180-lb. cyls., works	lb.	.80 - —
100 lb. cyls., works	lb.	.85 - —
5-25 lb. cyls., works	lb.	1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd.	lb.	.13½- —
solut., 8½% cs., bbls	lb.	.05¾- —
Cake, bulk, c.l., works	ton.	14.00 -15.00
Green (see Green, chrome).		
Oxide (see Green, chrome).		
Sulphate, pearls, dms.. 100 lbs.	lb.	.40 - —
powd., dms., 100 lbs	lb.	.45 - —
scales, dms., 100 lbs	lb.	.45 - —
Trioxide (see Acid, chromic).		
Yellow (see Yellow, chrome).		
Chrysarobin, 5-lb. bot	lb.	5.00 - —
Cinchona bark, quill, USP., 10 in., medium, cs	lb.	.72 - .74
20 in., thick, cs	lb.	.75 - .80
20 in., medium, cs	lb.	.75 - .80
USP, broken quill, red, bgs.,	lb.	.33 - .35
yellow, bgs.	lb.	.33 - .35
Cinchonidine, crys., small cns., 100 ozs..oz.		.83 - —
large, cns	100 ozs..oz.	.87 - —
powd., cns	100 ozs..oz.	.80 - —
Sulphate, N.F., cns.	100 ozs..oz.	.47 -

Cinchonidine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, crys., small, cns., 100 ozs..oz.		.54 - —
large, cns	100 ozs..oz.	.58 - —
powd., cns	100 ozs..oz.	.50 - —
Sulphate, N.F., cns.	100 ozs..oz.	.54 - —

Cinchonine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, boxes, 5 lbs.,	lb.	3.75 - —
bots., 1 lb	lb.	3.27 - —
dms., 100 lbs	lb.	3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).		
Aldehyde, f.c.c., cbys	lb.	.85 - .90
Cinnamon, Ceylon, 2 bls	lb.	.22½- .23
3 bls.	lb.	.21½- .22
Citral, bots., cns	lb.	1.40 - 3.10
Citrine ointment, jars, tubes	lb.	.87 - —
Citronellal, bots., dms	lb.	.75 - .80
Citronellol, bots., dms	lb.	1.60 - 1.85
Clove, Madagascar, bls	lb.	.30 - .31
Zanzibar, bls.	lb.	.31 - .32
Clover tops, bgs	lb.	.38 - .40
Coaltar, coal-gas, crude, bbls., c.l., works	bbl.	7.50 - 7.75
l.c.l., works	bbl.	8.25 - 8.50
tanks, works	gal.	.07½- .09
refd., bbls., c.l., works	bbl.	8.00 - 8.25
l.c.l., works	bbl.	8.75 - 9.00
tanks, works	gal.	.08½- .10
water-gas, crude, dms., c.l., works	dm.	7.50 - —
l.c.l., works	dm.	8.25 - —
refd., dms., c.l., works	dm.	8.00 - —
l.c.l., works	dm.	8.75 - —
Cobalt acetate, bbls., kgs., dlvd.	lb.	.65 - .67
Carbonate, pwd., bgs., wks.,	lb.	1.25 - 1.60
Chloride, kgs., wks	lb.	.76 - 1.20
Hydrate, bbls	lb.	1.75 - —
Linoleate, paste, 6%, dms	lb.	.81 - —
solid, 8½%, bbls	lb.	.83 - —
Oleate, bbls	lb.	.25 Nom.
Oxide, black, kgs	lb.	1.67 - —
Resinate, fused A, bbls	lb.	.13½- —
1%, bbls	lb.	.12 - —
2%, bbls	lb.	.14 - —
3½%, bbls	lb.	.17½- —
precip., dms., dlvd	lb.	.34 - —
Sulphate, dms	lb.	.59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz.		9.75 - —
Cochineal, gray, bgs	lb.	.35 - .38
Teneriffe, silver, bgs	lb.	.66 - .69
Cocoa butter, bulk, c.l., bgs	lb.	.14 - .14½
Cocillana bark, bgs	lb.	.48 - .50
Codeine, cns., 100 ozs	oz.	11.70 - —
Hydrochloride, cns., 100 ozs..oz.		10.50 - —
Phosphate, cns., 100 ozs	oz.	9.00 - —
Sulphate, cns., 100 ozs	oz.	9.50 - —
Codliver oil (see Oil, codliver).		
Cohosh, black, root, bls	lb.	.06½- .07
Blue, root, bls	lb.	.06 - .07
Colchicine, bots., 4 ozs	oz.	18.00 - —
single ozs.	oz.	19.00 - —
Colchicum seed, bgs	lb.	.36 - .40
Collodion, USP, dms., 325 lbs.	lb.	.12½- —
cns., 25 lbs	lb.	.16 - —
Flexible, USP, dms., 325 lbs.	lb.	.14½- —
cns., 25 lbs	lb.	.18 - —
Colocynth pulp, bls	lb.	.75 - .80
Colombo root, bls	lb.	.20 - .21
Coltsfoot leaves, bgs	lb.	.14 - .16
Condurango bark, bgs	lb.	.14 - .16
Conium leaves, bls	lb.	.30 - .32
Copaiba balsam, Para, cns	lb.	.31 - .32
S. A. USP, cns	lb.	.32 - .33
Copper acetate, normal, bbls., dlvd.	lb.	.21 - —
smaller containers, dlvd.	lb.	.23 - —
Carbonate, 52-54%, bbls	lb.	.16½ Nom.
Chloride, cryst., bbls	lb.	.16 Nom.
Cyanide, tech., bbls	lb.	.34 Nom.
Iodide, bots	lb.	4.97 - 5.02
Metal, electrolytic	lb.	.12 - —
Nitrate, cryst., bbls	lb.	.17 Nom.
Oleate, precip., bbls	lb.	.20 - —
Oxide, black, 79-80% bbls., tons, works	lb.	.18¾ Nom.
Red, com'l., 80-88%, kgs., f.o.b. N. Y.	lb.	.20 Nom.
Resinate, precip., bbls	lb.	.15 - .16
Stearate, precip., bbls	lb.	.24½- .25½
Sulphate (see Blue vitriol).		
Copperas, cryst., gran., bgs., c.l., works	ton.	17.00 - —
bbls., c.l., works	ton.	19.00 - —
l.c.l., 25 or over, works, 100 lbs.	lb.	1.45 - —
5-24, works	100 lbs.	1.55 - —
1-4, works	100 lbs.	2.00 - —
bulk, c.l., works	ton.	14.00 - —
Copra, Coast, shipt	lb.	.02625- —
Coriander seed, Morocco, bgs.	lb.	.07½- .08
bleached, bgs.	lb.	.10 - .10½
Corn sugar, Tanner's chipped, bgs., c.l., dlvd.	100 lbs.	3.14 - —
slabs, bbls., c.l.	100 lbs.	3.06 - —
solid, bbls., c.l.	100 lbs.	3.18 - —
Syrup, 42°, bbls., c.l.	100 lbs.	3.17 - —
43°, bbls., c.l.	100 lbs.	3.22 - —
Cornsilk, bls.	lb.	.14 - .15
Corrosive sublimate, cryst., dms., 50 lbs. or more	lb.	2.14 - —
gran., powd., dms., 50 lbs. or more	lb.	1.99 - —
Cottonroot bark, bls	lb.	.11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd.	unit-ton.	1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	2.75 - 3.00
5-lb. cns	lb.	2.85 - 3.10
1-lb. cns	lb.	3.00 - 3.25
1-oz. cns	lb.	3.35 - 3.60
less than 5 lbs., cns	lb.	4.15 - 4.65
Cramp, bark, genuine, bls	lb.	.23 - .24
so-called, bls	lb.	.06 - .07
Cranesbill root, bls	lb.	.13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.25¼- —
smaller lots, bbls	lb.	.25¾- —
kgs.	lb.	.26¼- —

Creosote, beechwood, bots	lb.	.70 .75
Hardwood, USP, bots	lb.	.45 - .47
Pine, dms	gal.	.28 - —
Carbonate, bots., cbys	lb.	1.40 - 1.75
Oil, crude, tanks, works	gal.	.13½- .14½
Coaltar, solution, tanks, works, gal.		.122 - .132
refd., bbls., l.c.l., works	gal.	.35 - —
tanks, works	gal.	.13 - .13½
Cresol, USP, dms., c.l., works	lb.	.08½- —
l.c.l., same basis	lb.	.10 - —
special resin grade, dms., c.l., works	lb.	.08½- —
l.c.l., same basis	lb.	.08¾- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works	lb.	.11 - —
l.c.l., works	lb.	.12 - —
5 and 10 gal. dms., works	lb.	.15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more	lb.	.24 - .25
2,000 lbs. to 10,000 lbs.	lb.	.25 - .26
1,000 lbs. to 2,000 lbs.	lb.	.26 - .27
200 lbs. to 1,000 lbs.	lb.	.27 - .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs	lb.	.42 - .44
powd., cs.	lb.	.47 - .48
Culver's root, bls	lb.	.15 - .16
Cumin seed, Algerian, bgs	lb.	.21 Nom.
Morocco, bgs	lb.	.21 Nom.
Cutch, Borneo, extract, solid, bags	lb.	No prices
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2, unit ton.		1.27½- —
Cyanide-chloride, mixture, 45%, gran., dms	lb.	.10¾- —
lump, dms	lb.	.09¾- —
75%, gran., dms	lb.	.15 - —
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies	lb.	.25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies	lb.	.30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies	lb.	.56 - —

D

Damiana leaves, bls	lb.	.20 - .21
Dandelion root, German, bls	lb.	.26 - .28
Deertongue leaves, bls	lb.	.10 - .11
Degras, common, dom., bbls	lb.	.09½- .10
English, bbls	lb.	.10 Nom.
neutral, dom., bbls	lb.	.12 - .15
English, bbls	lb.	.12 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more	lb.	.24 - .29
2,000 lbs., to 10,000 lbs.	lb.	.26 - .30
1,000 lbs. to 2,000 lbs.	lb.	.28 - .32
200 lbs. to 1,000 lbs.	lb.	.30 - .34

4% rotenone prices are 6c. per lb. less.

Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

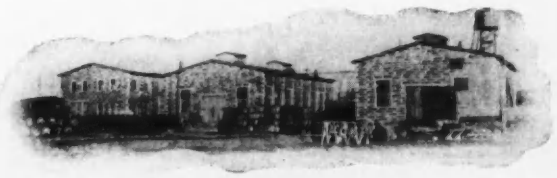
Derris, extract, 25% rotenone, bulk, cns.	lb.	4.00 - 5.00
15% rotenone, bulk cns.	lb.	2.25 - 3.25
Devil's club, root bark	lb.	1.50 - —

Chloropicrin—Dibutylamine

Dextrin, British gum, c.l., f.o.b. Chicago	100 lbs.	3.80 - —
l.c.l., f.o.b. Chicago	100 lbs.	3.90 - —
Corn, canary, bgs., c.l., f.o.b. Chicago	100 lbs.	3.75 - —
l.c.l., f.o.b. Chicago	100 lbs.	3.65 - —
white, bgs., c.l., f.o.b. Chicago	100 lbs.	3.50 - —
l.c.l., f.o.b. Chicago	100 lbs.	3.70 - —
Potato, import, bgs	lb.	.07⅞ Nom.
Diacetone (see under Alcohol).		
Diacetyl, bots	lb.	11.00 - —
Diamyl ether, dms., c.l., works,	lb.	.085 - —
l.c.l., works	lb.	.092 - —
tanks, works	lb.	.075 - —
Oxalate, dms., l.c.l., works	lb.	.30 - —
Phthalate, dms., c.l., dlvd	lb.	.21 - —
l.c.l., dlvd.	lb.	.21½- —
tanks, dlvd.	lb.	.20 - —
Sulphide, dms., l.c.l., works	lb.	1.10 - —
Diamylamine, dms., c.l., works,	lb.	.47 - —
l.c.l., works	lb.	.48 - .50
tanks, works	lb.	.45 - —
Diamylene, dms., c.l., works	lb.	.095 - —
l.c.l., works	lb.	.102 - —
tanks, works	lb.	.085 - —
Diamylnaphthalene, dms., l.c.l., works	lb.	.20 - —
Diamylphenol (2, 4), dms., c.l., works	lb.	.17 - —
l.c.l.	lb.	.20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works,	ton.	22.00 -35.00
l.c.l., ex whse	ton.	45.00 -150.00
import, bgs., c.l., c.i.f.	ton.	23.00 Nom.
Dibutylamine, dms., c.l., works,	lb.	.50 - —
l.c.l.	lb.	.51 - .53
tanks, works	lb.	.48 - —

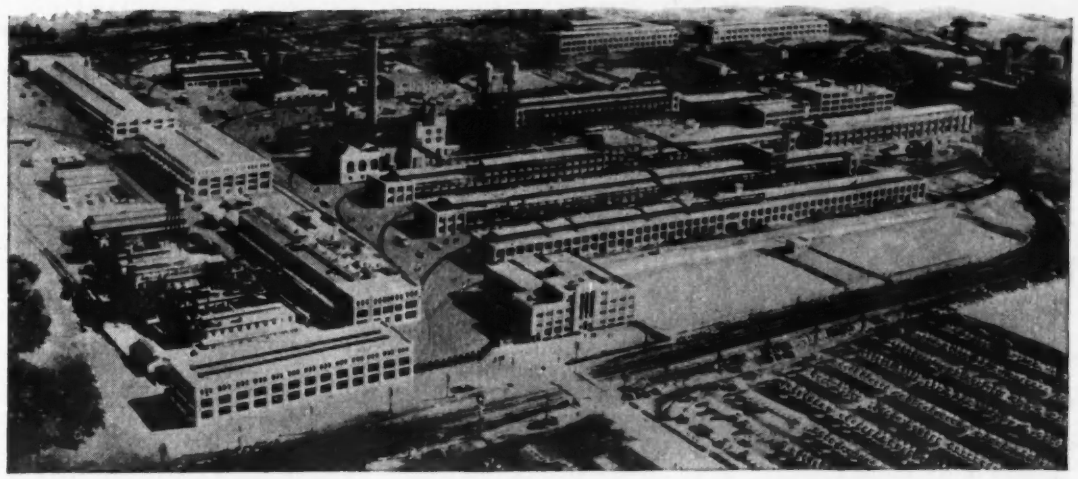
THIS TIME

there's a big DIFFERENCE



Calco Plant in 1915

Calco's Present Plant at Bound Brook, N. J.



THERE'S a big difference between Calco's modest plant of 1915 and our 110-acre Bound Brook plant of 1939. But this difference is no more than typical of the difference between this country's chemical industry of 1915 and of today.

Calco has grown from a standing start to one of the country's largest producers of dyestuffs, intermediates and related chemicals. America's chemical industry as a whole has developed to the point where domestic products can now supply well over 90% of the country's dyestuff needs—compared to our scant 10% capacity in 1914. As is the case with Calco products, domestic production on the whole equals or *exceeds* in quality that of foreign sources.

We suggest that you keep your orders in step with your actual needs. That will help us (and other chemical manufacturers) maintain the normal schedules that are so important in keeping production on an efficient, *economical* basis. We'll *both* benefit by that!

We also point out the advantage of looking to a large, well-equipped organization such as Calco for your dyestuff and chemical needs. For unforeseen developments may necessitate giving preference to established customers in the filling of orders.

THE CALCO CHEMICAL COMPANY, INC.

BOUND BROOK Calco NEW JERSEY

Boston • Philadelphia • Providence • New York • Charlotte • Chicago

A Division of American Cyanamid Company

Dibutyl Ether—Grease

Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., divd...lb. .19 - —
l.c.l., divd. ..... lb. .19½- —
tanks, divd..... lb. .18 - —
cns., works ..... lb. .23½- .26½
Sebacate, dms., wks..... lb. .45 - —
Tartrate, dom., dms..... lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works ..... lb. .16 - —
tanks, works ..... lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. ..... lb. .04 - —
tanks ..... lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works ..... lb. .25 - —
tanks, works ..... lb. .23 - —
Diethyl carbonate, comi., dms.lb. .25 - —
refd., 99%, dms..... lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. ..... lb. .19½- —
tanks ..... lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works ..... lb. .14 - —
tanks ..... lb. .12 - —
Diethylanilin, dms. ..... lb. .42 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works..... lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, d m s., c.l., works..lb. .15 - —
l.c.l., works..... lb. .16 - —
tanks, works..... lb. .14 - —
Digitalis leaves, dms..... lb. .40 - .45
Diglycol laurate, c.l..... lb. .16 - —
Oleate, light, bbls., c.l..... lb. .13 - —
Stearate, bbls., c.l..... lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilseed, recleaned, bgs..... lb. .15 - .16
Dimethyl phthalate, dms., c.l., divd..lb. .18½- —
l.c.l., divd. ..... lb. .19 - —
tanks, divd..... lb. .17½- —
Dimethylanilin, dms., c.l..... lb. .23 - —
l.c.l., dms. ..... lb. .24 - —
Dimethylamine, dms., c.l., divd., lb. 1.00 - —
l.c.l. divd. ..... lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .13 - —
Dinitrochlorobenzene, dms.... lb. .14 - —
Dinitronaphthalene, kgs..... lb. .32 - .38
Dinitrophenol, bbls. ..... lb. .22 - —
Dinitrotoluene, dms. ..... lb. .15½- —
oily, dms. ..... lb. .09 - —
Diorthotolylguanidin, dms., 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd..... lb. .46 - —
150-450 lbs., divd..... lb. .47 - —
Dioxan, dms., c.l., frt. alld.... lb. .20 - —
l.c.l., same basis..... lb. .21 - —
tanks, same basis..... lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. ..... gal. .47 - .50
tanks ..... gal. .41 - —
Diphenyl, bbls., c.l., works.... lb. .15 - —
l.c.l., works..... lb. .16 - .20
Oxide, perfume grade, cns... lb. .50 - .55
Diphenylamine, bbls. ..... lb. .81 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, divd..lb. .35 - —
600-1,950 lbs., divd..... lb. .36 - —
150-450 lbs., divd..... lb. .37 - —
Diphenylmethane, bots..... lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls..... lb. .05½- .06½
Doggress root, cut, bls..... lb. .20 - .21
Dogwood bark, Jamaica, bls., lb. .08 - .09
Dover's powder, USP, cns..... lb. 2.75 - 2.80
Dragon's blood, mass, cs..... lb. .65 - .70
reeds, thin, cs..... lb. .90 - .95
Dyes, coaltar, for coloring foods (certified
Blue:—
Brilliant blue FCF, cans. lb.12.50 - —
1160 Sodium indigo disulphonate, cns..lb.12.50 - —
Green:—
Fastgreen FCF, cns..lb.27.50 - —
666 Guinea green B., cns. lb.13.50 - —
670 Light green SF, yellowish, cns..lb.17.50 - —
Orange:—
150 Orange I, cns..... lb. 2.90 - —
Red:—
144 Amaranth, cns..... lb. 3.15 - —
773 Erythrosin, cns..... lb.17.50 - —
80 Ponceau 3R, cns..... lb. 6.00 - —
Ponceau SX, cns..... lb. 5.75 - —
Yellow:—
16 Naphthol yellow S, cns.lb. 6.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns..... lb. 3.15 - —
22 Yellow AB, cns..... lb. 2.65 - —
61 Yellow OB, cns..... lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
38 Chrome yellow 2G.... lb. .65 - .70
40 Chrome yellow R..... lb. .50 - 1.00
53 Victoria violet..... lb. .80 - 1.00
165 Lake red C..... lb. .95 - 1.00
176 Fast red A..... lb. .60 - .75
180 Fast red VR..... lb. 1.50 - 1.65
189 Lake red R, paste... lb. .85 - .90
189 Lake red R, powd.... lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .46
204 Chrome black A..... lb. 1.75 - 2.00
205 Fast red blue R..... lb. .75 - 2.00
216 Chrome red B..... lb. 1.75 - 2.00
262 Cloth red 2B..... lb. .60 - .80
289 Fast cyanin 5R..... lb. .90 - 1.00
290 Chrome black F..... lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet.... lb. 2.00 - 2.25
394 Paper yellow..... lb. .85 - .90
395 Chrysophenin G..... lb. .58 - .70
394 Direct violet N..... lb. 1.25 - 1.30
883 Direct scarlet B..... lb. 1.50 - 1.75
387 Direct violet B..... lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B..... lb. .25 - .30
415 Direct orange R..... lb. .60 - .70
419 Direct fast red F..... lb. .75 - .85
420 Direct brown M..... lb. 1.00 - 1.10
448 Benzo purpurin 4B.... lb. .40 - .42½
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G..... lb. .75 - .80
512 Direct blue RD..... lb. .99 - 1.00
518 Direct pure blue 6B... lb. 1.10 - 1.25
520 Direct pure blue..... lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
561 Direct black EW..... lb. .25 - .50
582 Direct black RX..... lb. .35 - .45
593 Direct green B..... lb. .75 - .80
594 Direct green G..... lb. 1.00 - 1.05
596 Direct brown 2GO.... lb. .35 - 1.00
620 Direct yellow R..... lb. 1.25 - 1.50
626 Acid violet..... lb. 1.00 - 3.00
812 Primulin ..... lb. .50 - .52
814 Direct fast yellow.... lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L.... lb. .90 - 1.00
Sulphur black..... lb. .20 - .25
Sulphur blue..... lb. .40 - 1.00
Sulphur brown..... lb. .25 - .50
Sulphur maroon..... lb. .40 - —
Sulphur olive..... lb. .25 - .54
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
Sulphur tan..... lb. .30 - .50
Sulphur yellow..... lb. .30 - .50
Zambesi black..... lb. .75 - .90
Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown ..... lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green ..... lb. .75 - —
Orange:—
24 Sudan I..... lb. .75 - —
Orange, red shade.lb. .75 - —
Red:—
75 Sudan II..... lb. 1.05 - —
258 Sudan IV..... lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet..... lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB..... lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin ..... lb. .40 - —
Blue:—
860 Indulin ..... lb. .70 - —
Brown:—
231 Bismarck brown..... lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G..... lb. .95 - —
21 Chrysoidin R..... lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B..... lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine ..... lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet..... lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray..... lb. 1.50 - —
Blue:—
714 Patent blue A..... lb. 1.45 - —
729 Victoria blue B..... lb. 2.00 - —
861 Indulin ..... lb. .87 - —
909 New blue R..... lb. 1.30 - —
922 Methylene blue..... lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA..... lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
261 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .87 - —
793 Phosphin ..... lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.90 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G..... lb. .40 - —
21 Chrysoidin R..... lb. .37 - —
27 Orange G..... lb. .50 - —
151 Orange Y..... lb. .30 - —
161 Orange R..... lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .68 - —
79 Popeseau R..... lb. .48 - —
88 Fast red B..... lb. 1.05 - —
176 Fast red A..... lb. .54 - —
179 Azorubin ..... lb. .60 - .62
183 Crocein scarlet 3BX.lb. .72 - .75
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin ..... lb. 2.10 - —
749 Rhodamine B..... lb. 3.50 - —
752 Rhodamine 6G..... lb. 4.50 - —
768 Eosin G..... lb. 1.50 - —
841 Safranin ..... lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin ..... lb. .90 - —
655 Auramine ..... lb. 1.37 - —
Dyes, natural (see name of article).

E

Echinacea root, bls..... lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls..... lb. .62 - .64
imported ..... lb. .59 - .62
Elder flowers, bright, bls..... lb. .47 - .49
Elecampane root, bls..... lb. .10 - .11
Elm bark, grinding, bls..... lb. .10½- .11
powd., bbls., bxs..... lb. .20 - .21
select, bndls. ..... lb. .19 - .21
Emetine hydrochloride, bots..oz.19.00 -19.50
Ephedra, bls. ..... lb. .10 - .10½
Ephedrine, tins, 1,000 ozs..... oz. 1.50 - —
tins, 100 ozs..... oz. 1.60 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots..... oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots..... oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.90 - —
bbls. ..... 100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l..... 100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs. c.l..... 100 lbs. 2.35 - —
l.c.l., 5,000 lbs. 1 withdrawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .09
Ergot, USP, cns., dms..... lb. 2.75 - 2.85
Eserine, bots. ..... oz.42.00 - —
Salicylate, bots. ..... oz.36.00 - —
Sulphate, bots. ..... oz.36.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., divd..... lb. .24½- —
l.c.l., divd. ..... lb. .25 - —
cns. ..... lb. .28 - .31
Ether, ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .69 - —
cns., 27 lbs. ..... lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works..... lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms..... lb. .39 - .40
washed, dms. ..... lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld..... lb. .066 - —
tanks, frt. alld..... lb. .051 - —
95-98%, dms., c.l., frt. alld.lb. .0685- —
l.c.l., frt. alld..... lb. .0735- —
tanks, frt. alld..... lb. .0585- —
N. F., VI, 90%, dms., 400 lbs..lb. .06 - —
cns., 35 lbs..... lb. .12 - .18
USP, VIII, 90%, dms., 460 lbs. lb. .07 - —
cns., 35 lbs..... lb. .13 - —
Acetoacetate, dms., c.l., works., lb. .27½- —
l.c.l., dms., works..... lb. .28 - —
Bromide, tech., dms..... lb. .50 - .55
Caproate, cns..... lb. 1.00 - —
Chloride, dms..... lb. .18 - .20
Cinnamate, cns..... lb. 3.20 - 4.00
crotonate, 55 gal. dms., divd., lb. .35 - —
Formate, cns., dms..... lb. .23 - .24
5 and 10 gal. dms., divd....lb. .75 - —
1 gal. cns..... lb. 1.00 - —
Iodide, bots..... lb. 5.01 - —
Lactate, 55-gal. dms., works. lb. .33½- —
5-gal. dms., works..... lb. .37½- —
Oxalate, dms., frt. alld..... lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 - —
5-lb. lots ..... lb. 6.05 - —
1-lb. lots, cns..... lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, frt. alld..lb. .47 - —
500 lbs. or more frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works..... lb. .55 - —
Ethylene bromide, dms..... lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .055
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0654
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l..... lb. .16 - —
l.c.l. ..... lb. .17 - .20
tanks ..... lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works..... lb. .19 - .23
tanks, works..... lb. .17 - —
Monoethylether, dms.,c.l.,works, lb. .15 - —
l.c.l., works..... lb. .16 - —
tanks, works..... lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. ..... lb. .14 - —
tanks, works..... lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works..... lb. .18 - —
tanks works.. ..... lb. .16 - —
Ethylidinanilin, dms. ..... lb. .45 - .47½
Eucalyptol, cns., dms..... lb. .65 Nom.
Eucalyptus leaves, bls..... lb. .13 - .15
Eugenol, cns., dms..... lb. 1.90 - 2.00
Euphorbia, bls. ..... lb. .17 - .19

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works ..... ton.17.00 -19.00
Fennel seed, Indian, bgs..... lb. .15 - .16
German, large, bgs..... lb. .32 - .33
Fenugreek seed, bgs..... lb. .08 - .10
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. ..... ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .09½- —
smaller lots, works...lb. .10½- —
light, cs., 1,000 lbs. or over, works..lb. .10½- —
smaller lots, works...lb. .11½- —
water white, cs., 1,000 lbs., or over, works..lb. .11½- —
smaller lots, works...lb. .12½- —
Fir balsam, Canada, cns.....gal.10.75 -11.00
Oregon, bbls..... gal. .85 - .90
Fish berries, bgs..... lb. .17 - .19
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 4.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.58.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 3.00 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Oct.-Nov., Shipt..ton.53.50 - —
spot..ton.54.00 - —
Flake, white, bbls., kgs..... lb. .10½- —
Fleaseed, French, black, bgs..lb. .18 - .20
Indian, blonde, bgs..... lb. .09 - .12
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.31.60 - —
washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton.20.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines...net ton.20.00 -22.00
imported, 85.5, duty paid, short ton.25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works ..... lb. .06¼- —
dms., c.l., works..... lb. .05¼- —
l.c.l., works ..... lb. .05¾- —
tanks, works ..... lb. .04½- —
Fringetree bark, bls..... lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.25.00 Nom.
l.c.l., ex whse..... ton.32.00 Nom.
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works..... lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works..... lb. .12½- —
l.c.l., works..... lb. .15 - .20
tanks, works..... lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .15 - .16½
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls..... lb. .09½- .13
solid, dms..... lb. .17½- .19½

G

G salt, bbls..... lb. .45 - —
Galangal root, bls..... lb. .20 - .22
Gambier, common, cases..... lb. No prices
plantation, cases..... lb. No prices
Cubes, Singapore, cases.... lb. No prices
extract, bbls..... lb. .09 - .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½-.07 6/10
65 octane and above, tanks, gal. .0665- .0760
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U.S. Motor, bulk, gal. .06 - —
60-62, 390 e.p., bulk, export, gal. .05¾- —
70-72, 400 e.p., bulk, export, gal. .06⅝- —
64-66, 375 e.p., bulk, export, gal. .06¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¾- .04¾
67-69 octane, tanks....gal. .04½- .04⅝
70-72 octane, tanks....gal. .04⅝- .05¼
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04⅜- .05
third grade, tanks..gal. .04⅜- .05
63-66 octane, tanks....gal. .05⅛- .05⅜
67-69 octane, tanks....gal. .05⅛- .05½
70-72 octane, tanks....gal. .05½- .05¾
natural, 12-lb. v.p., tanks...gal. .04½- —
below 60 octane tanks.gal. .04 - —
14-lb. v.p.,tanks..... gal. .04½- —
18-lb. v.p., tanks..... gal. .03⅝- —
22-lb. v.p., tanks..... gal. .03⅜- —
26-70 lb. v.p., tanks...gal. .04½- —
below 60 octane, tanks.gal. .05 - —
65 octane, tanks.....gal. .07 - —
52-56 450 e.p., naphtha, tanks..gal. .05½- —
Gelatin, silver, cs..... lb. .42 - .43
Gelsemium root, bls..... lb. .11 - .12
Gentian root, bls..... lb. .20 - .22
grd., bbls., bxs..... lb. .23 - .25
powd., bbls., bxs..... lb. .25 - .27
Geraniol, cns., dms..... lb. .67 - 3.00
Geranyl acetate, bots., dms....lb. 1.20 - 2.50
Ginger root, African, bgs..... lb. .09½- .10
Cochin, lemon, bgs..... lb. .09½- .10
Jamaica, bold, bgs..... lb. .13 - .13½
grinding, bright, bgs..... lb. .09½- .09¾
medium, bgs..... lb. .10½- .11
Japanese, bgs..... lb. .09 - .09½
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .93 - 1.18
5 tons or over, works.... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import, bgs..... 100 lbs. No prices
Glue, bone, calcimine type,24 millipoise, 36 jelly-grams, bgs., c.l., divd..lb. .12½- —
l.c.l., divd..... lb. .13 - —
36/58, bgs., c.l., divd..... lb. .12 - —
l.c.l., divd..... lb. .12½- —
58/82, bgs., c.l., divd..... lb. .13½- —
l.c.l., divd..... lb. .14 - —
82/108, bgs., c.l., divd.... lb. .14 - —
l.c.l., divd..... lb. .14½- —
hide, calcimine type, 58 millipose 135 jelly grams, bgs., c.l divd., East, Middlewest..lb. .13 - —
l.c.l., same basis..... lb. .13½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis..... lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis..... lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis..... lb. .19½- —
88/251, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis..... lb. .20½- —
92/283, bgs., c.l., same basis, lb. .20½- —
l.c.l., same basis..... lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis..... lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis..... lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis..... lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l..... lb. .14½- .15
dms., c.l., divd..... lb. .12½- —
l.c.l divd..... lb. .13 - —
tanks, divd..... lb. .12¼- —
dynamite, dms..... lb. Nominal.
high gravity, dms., c.l., divd.lb. .12 - —
l.c.l., divd..... lb. .12½- —
tanks, divd..... lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., divd.lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks ..... lb. .08¾- —
for refiners, dms., returnable, tanks, divd..lb. .08¾ Nom.
soaplye, basis 80%, dms., tanks, returnable, divd..lb. .07¾ Nom.
Glycol boriborate, dms..... lb. .22 - —
Phthalate, dms..... lb. .33 - —
Stearate, dms..... lb. .34 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots..... oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots..... oz.14.50 -14.75
Gold of pleasure seed, bgs..... lb. .12 - .13
Goldenseal, root, bls..... lb. 3.60 - 3.65
powd., bxs..... lb. 3.90 - 3.95
Grains of paradise, bgs..... lb. .75 - .80
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
l.c.l., c.l., works..... lb 06¼- —
l.c.l ..... lb 06¼- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l. works.....lb. .02½- —
65% graphitic, carbon bbls., c.l., works..lb. .02¾- —
l.c.l., works..... lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works..... lb. .03¾- —
l.c.l., works..... lb. .04¼- —
Grease, house, loose..... lb. .06½- .06¾
White ..... lb. .07 - .07½
Yellow ..... lb. .06½- .06¾
Wool (see Adeps lanae and Degras).

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D & C ORANGE NO. 5 (Dibromofluorescein)	D & C RED NO. 22 (Eosine)	EXT. D&C YELLOW NO. 1 (Metanil Yellow)
D & C RED NO. 8 (Red Lake C Sodium Salt)	D & C VIOLET NO. 1 (Wool Violet 5 BN)	EXT. D & C BLUE NO. 1 (Methylene Blue)

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Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50% bbls., same basis.lb. .30 - —
reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, prices are ¼c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-26%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¾ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, doms., pure, bbls...lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .32
Chrome, tetrahydroxide, bbls.lb. .68 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.25 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.10 - 1.13
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .19 Nom.
white, sorts, 1, bgs.....lb. .28 - .35
2, bgs.....lb. .27 - .34
powd., bbls.....lb. .22 Nom.
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. 33 - .34
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.....lb. .46¾ Nom.
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Congo, cloudy, white, bgs., c.l., same basis..lb. .36¾ Nom.
3, selected pale straw bold, bgs., c.l., same basis..lb. .23½ Nom.
4, pale bold straw, bgs., c.l., same basis..lb. .24¾ Nom.
5, pale, straw bold, bgs., c.l., same basis..lb. .19½ Nom.
6, pale amber bold, bgs., c.l., same basis..lb. .20¼ Nom.
7, pale, straw, bold, bgs., c.l., same basis..lb. .16 Nom.
8, light amber bold, bgs., c.l., same basis..lb. .15¾ Nom.
9, medium light amber, bold, bgs., c.l., same basis..lb. .11½ Nom.
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .12¾ Nom.
11, hard dark amber bold, bgs., c.l., same basis..lb. .09¾ Nom.
12, selected bold sorts, bgs., c.l., same basis..lb. .09¾ Nom.
13, dark sorts bold, bgs., c.l., same basis..lb. .07¾ Nom.
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .22½ Nom.
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .09¼ Nom.
16, inferior ivory sorts., bgs., c.l., same basis..lb. .07½ Nom.
17, pale, fingers, bgs., c.l., same basis..lb. .19½ Nom.
18, pale straw nubs, bgs., c.l., same basis..lb. .16 Nom.
19, pale straw nubs, bgs., c.l., same basis..lb. .15¾ Nom.
20, hard dark amber nubs, bgs., c.l., same basis..lb. .11¼ Nom.
21, ordinary selected nubs, c.l., same basis..lb. .09¼ Nom.
22, small mixed nubs, bgs., c.l., same basis..lb. .08¼ Nom.
23, dark mixed nubs, bgs., c.l., same basis..lb. .08½ Nom.
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .18¼ Nom.
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .08½ Nom.
26, pale, bold chips, bgs., c.l., same basis..lb. .08½ Nom.
27, pale small nubs, bgs., c.l., same basis..lb. .07¾ Nom.
28, pale dust, bgs., c.l., same basis..lb. .05¾ Nom.
Batu, bold, scraped, bgs., c.l., same basis..lb. .08¾ Nom.
unscraped, bgs., c.l., same basis..lb. .07¾ Nom.
chips, bgs., c.l., same basis..lb. .07¾ Nom.
dust, bgs., c.l., same basis..lb. .07½ Nom.
nubs and chips, bgs., c.l., same basis..lb. .07¾ Nom.
black, bold, scraped, bgs., c.l., same basis..lb. .10½ Nom.
Gum, batu, unscraped, bgs., c.l., same basis..lb. .07⅞ Nom.
nubs and chips, bgs., c.l., same basis..lb. .07⅞ Nom.
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .15¼ Nom.
chips, bgs., c.l., same basis..lb. .08½ Nom.
dust., bgs., c.l., same basis..lb. .07⅛ Nom.
nubs, bgs., c.l., same basis..lb. .13¾ Nom.
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .18¼ Nom.
chips, bgs., c.l., same basis, lb. .10¼ Nom.
dust, bgs.,c.l.,same basis.lb. .07⅛ Nom.
nubs, bgs., c.l., same basis, lb. .14¾ Nom.
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13⅜ Nom.
light, bskts., c.l., same basis..lb. .15⅞ Nom.
Loba A, bskts., c.l., same basis..lb. .13⅜ Nom.
B, bskts.,c.l.,same basis.lb. .13 Nom.
C, bskts., c.l., same basis, lb. .12⅝ Nom.
CNE, bskts., c.l., same basis..lb. .10½ Nom.
D, bskts., c.l., same basis, lb. .11⅝ Nom.
DK, bskts., c.l., same basis, lb. .09⅜ Nom.
dust, bskts.,c.l.,same basis, lb. .07¾ Nom.
Sambas and white split chips, bskts., c.l., same basis..lb. .17½ Nom.
Singapore, dust., bskts., c.l., same basis..lb. .07¾ Nom.
spirit-soluble, CBB, bskts., basis..lb. .11⅜ Nom.
DBB, bskts., c.l., same basis..lb. .11 Nom.
MA, bskts., c.l., same basis, lb. .09⅝ Nom.
MB, bskts., c.l., same basis, lb. .09⅛- —
WS, bskts., c.l., same basis, lb. .11 Nom.
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .10 Nom.
chips, pale, bskts., c.l., same basis..lb. .11¼- —
pale, small, bskts., c.l., same basis..lb. .10¼ Nom.
extra pale sorts, bskts., c.l., same basis..lb. .11⅝ Nom.
nubs, bskts., c.l., same basis..lb. .13¼ Nom.
pale, scraped, bskts., c.l., same basis..lb. .14 Nom.
seeds and dust, bskts., c.l., same basis..lb. .06⅞ Nom.
Pontianak, bold., genuine, bgs., same basis..lb. .18½ Nom.
mixed, bgs., c.l., same basis..lb. .16⅝ Nom.
split, bgs., c.l., same basis, lb. .16½ Nom.
chips, bgs., c.l., same basis, lb. .11½ Nom.
nubs, bgs., c.l., same basis, lb. .14⅝ Nom.
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .22¾ Nom.
A/D, cs., c.l., same basis..lb. .15¼ Nom.
A/E, cs., c.l., same basis..lb. .13⅜ Nom.
B, cs., c.l., same basis..lb. .21½ Nom.
C, cs., c.l., same basis.....lb. .15⅝ Nom.
D, cs., c.l., same basis...lb. .14¼ Nom.
dust, cs., c.l., same basis..lb. .07¾ Nom.
E, cs., c.l., same basis...lb. .09⅝ Nom.
F, cs., c.l., same basis...lb. .08⅝ Nom.
Singapore 1, cs., c.l., same basis..lb. .19½ Nom.
2, cs., c.l., same basis....lb. .16⅜ Nom.
3, cs., c.l., same basis....lb. .09¼ Nom.
chips, cs., c.l., same basis.lb. .12½ Nom.
dust., cs., c.l., same basis, lb. .09⅛ Nom.
seeds, cs., c.l., same basis, lb. .10½ Nom.
Elemi, cns., c.l., same basis as copal..lb. .13 Nom.
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y. and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs., or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .50 - .55
Galbanum, cs.....lb. 1.00 - 1.30
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 Nom.
BX, cs., c.l., same basis..lb. .38 Nom.
B1, cs., c.l., same basis..lb. .28 Nom.
B2, cs., c.l., same basis..lb. .24 Nom.
B3, cs., c.l., same basis..lb. .18½ Nom.
80% chips, cs., c.l., same basis..lb. .12½ Nom.
pale, XXX, cs., same basis..lb. .61 Nom.
1, cs., c.l., same basis...lb. .41 Nom.
2, cs., c.l., same basis...lb. .24 Nom.
3, cs., c.l., same basis...lb. .17¾ Nom.
Kino, tins .....lb. 3.50 Nom.
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .70 Nom.
Myrrh, USP, cs.....lb. .55 - .56
Olibanum, cs. .....lb. .07¼- .21
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs. .....lb. 1.10 - 1.75
Senegal, picked, bgs.....lb. .30 Nom.
sorts, bgs.....lb. .13 Nom.
Talha, bgs.....lb. .14 Nom.
Thus, bbls. .....280 lbs. 14.50 -14.75
Tragacanth, Alleppo, 1 cs....lb. 2.50 Nom.
2, cs.....lb. 2.40 Nom.
3, cs.....lb. 2.25 Nom.
flake, bgs.....lb. No prices
Yacca, bgs.....lb. .08 Nom.
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Gypsum, plaster of paris, paper bags, c.l., f.o.b. Blue Rapids, Kans., frt. equld. ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .37 - .39
Heliotropin, cryst., cns.....lb. 2.75 Nom.
Hellebore root, white, powd., bbls. lb. .17 - .19
Helonias root, bls.....lb. .50 - .55
Hematine crystals, bbls.....lb. .18 - .38
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05½- .06
Henbane leaves, bls.....lb. .40 - .42
Henna leaves, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .22
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib., ctns., same basis....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs.....oz.13.00 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - —
Hops, N. F., bls.....lb. .23 - .24
Horehound, bls.....lb. .14 - .16
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs..oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.18.25 - —
cns., 16 oz.....oz.18.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.14.60 -15.00
Hyoscyamine, vials.....gr. .60 - —
Hydrobromide, vials.....gr. .60 - —
Sulphate, vials.....gr. .60 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .22 - .24
Ichthyol, bots.....lb. 4.00 Nom.
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16¼- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.82.00 -84.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.80 - —
kgs., 150 lbs.....lb. 1.07 - —
less 6%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots... .....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .16 - .17
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .28 - .30
Iron acetate, N. F. IV, cbys. 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .09
kegs, works, frt. alld. or equld..lb. .07½- .08
Acetate, liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .88
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .87 - .88
bots .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
Iron, pyrophosphate, scales, cns.lb. .64 - .67
reduced, 90%, cs.....lb. .80 - .85
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .35 - .36
pearls, cns.....lb. .35 - .36
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .36
pearls, cns.....lb. .35 - .36
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .32½- —
kgs. .....lb. .35½- —
Iron-potash oxalate, bbls.....lb. .43 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .32½- —
kgs. .....lb. .35½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .006 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .13
Jalap root, NF, bls.....lb. .24 - .26
powd., bbls., bxs.....lb. .28 - .30
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.75 - —
Juniper berries, bgs.....lb. .11 - .12

K

Kamala, tins.....lb. .45 - .46
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04¾- .05¾
Gulf ports, p.w., bulk....gal. .03¾- .03¾
w.w., bulk..gal. .03¼- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04 - .04¾
Pennsylvania, 45 w.w., tanks gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04¾- .05¾
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .09 - —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .10 - .12

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 8.25 - 8.50
Middlewestern, trcs....100 lbs. 7.75 - 7.85
Neutral, trcs.....100 lbs. 9.50 - 9.75
Western, choice, trcs..100 lbs. 7.75 - 7.85
Compound, trcs.....100 lbs. 10.00 -10.25
Larkspur seed, bgs.....lb. .45 - .46
Laurel berries, bls.....lb. .23 - .26
Leaves, Greek, bls.....lb. .08½- .09
Lavender flowers, ordinary, bls.lb. .60 - .65
medium, bls. .....lb. .85 - .90
select, bls. .....lb. 1.00 - 1.05
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .10½- .11½
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¾- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs...lb. .63 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls. .....lb. .11 - .14
Oleate, bbls. .....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0885- —
other points .....lb. .0810- —

Lead, red, dry 95% or less Pb_3O_4, l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.03½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¼- —
Colo., Mont., N. Mex., Wyo.	lb.	.09 - —
other points	lb.	.08½- —
smaller lots, etc.	lb.	.09¼- —
Ariz., etc.	lb.	.09¾- —
Colo., etc.	lb.	.09½- —
other points	lb.	.09 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.,	lb.	.0860- —
other points	lb.	.0835- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.09 - —
Ariz., etc.	lb.	.09½- —
Colo., etc.	lb.	.09¼- —
other points	lb.	.08¾- —
smaller lots, dlvd., Ala., etc.	lb.	.09½- —
Ariz., etc.	lb.	.10 - —
Colo., etc.	lb.	.09¾- —
other points	lb.	.09¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.,	lb.	.0885- —
other points	lb.	.0860- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.09¼- —
Ariz., etc.	lb.	.09¾- —
Colo., etc.	lb.	.09½- —
other points	lb.	.09 - —
smaller lots, dlvd., Ala., etc.	lb.	.09¾- —
Ariz., etc.	lb.	.10¼- —
Colo., etc.	lb.	.10 - —
other points	lb.	.09½- —
in oil, 95% min., 100-lb. kgs.,	lb.	.12½- —
Lead, resinate, fused, 15%, bbls.,	lb.	.09½- —
pale, bbls.	lb.	.11½- —
precip., bbls.	lb.	.16½- —
Stearate, bbls.	lb.	.26 - —
Sulphate (see Lead, white, basic sulphate).		
Titanate, bbls., c.l. (20 tons), works, frt. alld.	lb.	.10 - —
l.c.l., 6 tons, one delvy., E. frt. alld.	lb.	.10¼- —
Pac. Cst., ex whse.	lb.	.10¾- —
smaller lots, E. frt. alld.	lb.	.10½- —
Pac. Cst., ex whse.	lb.	.10⅞ —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07¾- —
other points	lb.	.07 - —
l.c.l., dlvd., Ariz., etc.	lb.	.07¼- —
other points	lb.	.07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc.	lb.	.06½- —
other points	lb.	.06¼- —
basic sulphate, l.c.l., dlvd., Ariz., etc.	lb.	.06¾- —
other points	lb.	.06½- —
in oil, 100-lb. kgs., consumers	lb.	.12¾- —
dealers	lb.	.10¾- —
painters	lb.	.11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.		
Lecithin, 100%, cns., f.o.b. N. Y., or Chi.	lb.	2.50 - —
edible, grade 1, dms., c.l., same basis.	lb.	.45 - —
l.c.l., same basis	lb.	.47½- .65
grades 2 or 3, dms., c.l., same basis.	lb.	.47½- —
l.c.l., same basis	lb.	.50 - .67½
grade 4, dms., c.l., same basis.	lb.	.50 - —
l.c.l., same basis	lb.	.52½- .70
Lecithin, purified, cs., doms., c.l., same basis.	lb.	.65 - —
l.c.l., same basis	lb.	.67½- .85
tech., grade 1, dms., c.l., same basis.	lb.	.35 - —
l.c.l., same basis	lb.	.37½- .55
grades 2 or 3, dms., c.l., same basis.	lb.	.37½- —
l.c.l., same basis	lb.	.40 - .57½
grade 4, dms., c.l., same basis.	lb.	.40 - —
l.c.l., same basis	lb.	.42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.		
Lemon peel, bls.	lb.	.18 - .20
Licorice extract, mass, cs.	lb.	.19 - .20
powd., bbls.	lb.	.26 - .27
root, cuttings, bls.	lb.	.10 - .11
powd., bbls., bxs.	lb.	.14 - .15
select, bndls., cs.	lb.	.20 - .25
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00 - —
Berkley, W. Va.	ton.	7.00 - —
Carey, Ohio.	ton.	7.00 - —
Cedar Hollow, Pa.	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	6.25 - —
Eagle Mountain, Va.	ton.	7.00 - —
Farnams, Mass.	ton.	8.00 - —
Gibsonburg, Ohio.	ton.	7.00 - —
Hannibal, Mo.	ton.	6.50 - —
Keystone, Ala.	ton.	6.25 - —
Knoxville, Tenn.	ton.	6.25 - —
Limedale, Ark.	ton.	7.00 - —
Longview, Ala.	ton.	6.25 - —
Manistique, Mich.	ton.	8.00 - —
Marblehead, Ohio.	ton.	7.50 - —
Martinsburg, W. Va.	ton.	7.00 - —
Menominee, Mich.	ton.	8.00 - —
Mitchell, Ind.	ton.	6.50 - —
Newala, Ala.	ton.	6.25 - —
Rincon, Cal.	ton.	13.00 - —
Rippleмead, Va.	ton.	7.00 - —

CHEMICAL SERVICE FOR THE INDUSTRIES OF TOMORROW

Witco Adapts Its Service And Products To Industry's Changing Chemical Requirements

FASCINATING AND SPECTACULAR is the progress that has been made in a short space of time by the petroleum industry, whose exhibition building at the New York World's Fair 1939 is shown above. Chief among the Witco products that are assisting in this progress are Witco Anhydrous Ammonia, Aluminum Stearate, Soda Ash, Caustic Soda, Stearic Acid and Cuprous Oxide.

● More and more does industry look to the chemist and the supplier of chemicals for ways and means of improving production, reducing costs and raising the standards of merchandise offered to the public. Witco gives assistance to manufacturers in many fields—through the development of new and better working materials and the adaptation of chemicals to new and more efficient production processes. By adapting its service to changing needs Witco thus prepares to meet the demands of the industries of tomorrow for better quality and greater variety in chemicals, oils, pigments and allied materials.

WITCO

WISHNICK-TUMPEER, INC.

Manufacturers and Importers

New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Avenue, N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W. 1, England. Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company • Panhandle Carbon Company

●

BUY DIRECT AND PROFIT DIRECTLY

Lead, Red—Lycopodium

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Riverton, Va.	ton.	7.00 - —
San Francisco, Cal.	ton.	13.00 - —
Scioto, Ohio.	ton.	6.50 - —
Springfield, Mo.	ton.	7.00 - —
Woodville, Ohio.	ton.	7.00 - —
York, Pa.	ton.	7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa.	ton.	8.50 - —
Berkley, W. Va.	ton.	8.50 - —
Buffalo, N. Y.	ton.	10.00 - —
Carey, Ohio.	ton.	8.50 - —
Cedar Hollow, Pa.	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	9.00 - —
Eagle Mountain, Va.	ton.	9.00 - —
Farnams, Mass.	ton.	8.50 - —
Gibsonburg, Ohio.	ton.	8.50 - —
Hannibal, Mo.	ton.	8.50 - —
Keystone, Ala.	ton.	9.00 - —
Knoxville, Tenn.	ton.	9.00 - —
Le Roy, Minn.	ton.	10.00 - —
Lime Crest, N. J.	ton.	8.50 - —
Limedale, Ark.	ton.	9.00 - —
Longview, Ala.	ton.	9.00 - —
Louisville, Ky.	ton.	14.50 - —
Manistique, Mich.	ton.	9.50 - —
Marblehead, Ohio.	ton.	9.50 - —
Martinsburg, W. Va.	ton.	8.50 - —
Mitchell, Ind.	ton.	9.00 - —
Newala, Ala.	ton.	9.00 - —
Potoskey, Mich.	ton.	9.00 - —
Port Island, Mich.	ton.	9.00 - —
Rapid City, S. D.	ton.	12.00 - —
Rippleмead, Va.	ton.	9.00 - —
San Francisco, Cal.	ton.	16.00 - —
Springfield, Mo.	ton.	9.00 - —
Woodville, Ohio.	ton.	8.50 - —
York, Pa.	ton.	8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa.	ton.	9.00 - —
Carey, Ohio.	ton.	11.00 - —
Farnams, Mass.	ton.	9.50 - —
Gibsonburg, Ohio.	ton.	11.00 - —
Marblehead, Ohio.	ton.	11.00 - —
Scioto, Ohio.	ton.	10.00 - —
Woodville, Ohio.	ton.	11.00 - —
York, Pa.	ton.	9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07½- .09¼
dms., same basis.	lb.	.10½- —
400 lbs. or more, bgs., same basis.	lb.	.07¾- .08¾
dms, same basis.	lb.	.11 - —
less than 400 lbs., same basis,	lb.	.08½- .09½
dms., same basis.	lb.	.12 - —
solution, zone 1, dms., consumer	gal.	.16 - —
Zone 2, tanks, dealers, wks.,	gal.	.08½- —
30-50 dms.	gal.	.11 - .15
Zone 3, tanks, dealers, dlvd.,	gal.	.11½- —
30-50 dms.	gal.	.14 - .18
Zone 4, tanks, dealers, wks.,	gal.	.08 - —
dms., wks., except Cal.	gal.	.12 - —
Zone 5, tanks, dealers, dlvd.,	gal.	.10½- —
dms.	gal.	.12 - —
Zone 6, tanks, dealers.	gal.	.08½- —
30-50 dms.	gal.	.11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penn. eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.	**lb.**	**2.10 - 2.30**
Linalyl acetate, cns.	lb.	2.50 - 2.75
Linden flowers, with leaves, bls.	lb.	.45 - .46
without leaves, bls.	lb.	.50 - .51
Linseed, cake, bgs., export.	ton.	33.50 - —
Meal, 34%, bgs.	ton.	42.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0710- —
dlvd., other points.	lb.	.0685- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07½- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash.	lb.	.08 - —
Colo., Mont., N. Mex., Wyo.	lb.	.07½- —
other points.	lb.	.07¼- —
smaller lots, dlvd., Ala., etc.	lb.	.08 - —
Ariz., etc.	lb.	.08½- —
Colo., etc.	lb.	.08¼- —
other points.	lb.	.07¾- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd.	lb.	1.90 - —
50 lbs., works.	lb.	1.98 - —
25 lbs., works.	lb.	1.95 - —
Carbonate, 250-lb., bbls.	lb.	1.25 - —
100-lb. kgs.	lb.	1.30 - —
Chloride, 25-lb. jars.	lb.	1.65 - 1.70
Citrate, 250-lb. bbls.	lb.	1.40 - —
25-lb. dms.	lb.	1.45 - —
100-lb. kgs.	lb.	1.40 - —
Iodide, 5-lb. bots.	lb.	4.85 - —
25-lb. jars.	lb.	4.70 - —
Fluoride, bbls.	lb.	2.10 - 2.25
Lithopone, dom., high-strength, bgs., c.l. (20 tons).	lb.	.05¼- —
smaller lots	lb.	.05½- —
bbls., c.l. (20 tons).	lb.	.05½- —
smaller lots	lb.	.05¾- —
ordinary, bgs., c.l., (20 tons)	lb.	.03¾- —
smaller lots	lb.	.04 - —
bbls., c.l., (20 tons).	lb.	.04 - —
smaller lots	lb.	.04¼- —
titanated, bgs., c.l. (20 tons)	lb.	.05¼- —
smaller lots	lb.	.05½- —
bbls., c.l. (20 tons).	lb.	.05½- —
smaller lots	lb.	.05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.	lb.	.30 - .32
Lobelia, herb, bls.	lb.	.12 - .13
Seed, bgs.	lb.	.35 - .36
Logwood extract, cryst., bbls.	lb.	.18 - .23
liquid, 51°, bbls.	lb.	.09½- .11½
solid, bxs.	lb.	.15 - .19
Lovage root, dom., bls.	lb.	.55 - .58
import, bls.	lb.	.60 - .65
Lupulin, N. E., tins.	lb.	1.85 - 1.40
Lycopodium, cs.	lb.	4.00 - 4.25

Mace—Oil, Corn

M

Mace, Banda, cs.....lb. .65 - .67
Batavia, cs.....lb. .34 - .35
Siauw, cs.....lb. .59 - .60
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .28 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
USP, zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —
Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts. frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .55 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .10 - .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bgs., duty paid...ton.60.00 -70.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .55 - —
ctns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .50
blue, bls. .....lb. .40 - .45
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .11 - .12
Manganese acetate, dms.....lb. 26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bgs. 28-40 tons, works..ton.64.50 - —
5-15 tons, works.....ton.67.50 - —
½-4 tons, works.....ton.72.50 - —
200-600 lbs., works..ton.92.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works..ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.25 - —
l.c.l., 5 tons, works..ton.62.25 - —
smaller lots, works..ton.67.25 - —
paper bgs., c.l., works.ton.57.50 - —
l.c.l., 5 tons, works..ton.60.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.30 - —
smaller lots.....lb. 3.00 - —
ctns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.50 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 30-52% basis, bbls., c.l., Atl. ports..unit-ton. No price.
Resinate, fused, 5½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, MnSO4, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton. No prices
Manna flake, large, cs.....lb. .60 - .65
small, cs. .....lb. .55 - .60
Mannitol, 99% pure, cs., works, lb. .42 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .35 - .40
Tunisan, bls.....lb. .33 - .35
Chilean, bls.....lb. .19 - .20
Matico leaves, bls.....lb. .30 - .35
Menthol, USP, natural, cs....lb. 3.35 - 3.45
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.24 - —
25 lbs.....lb. 1.26 - —
50%, pails, 50 lbs.....lb. 1.79 - —
25 lbs.....lb. 1.81 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 2.62 - 2.64
flb., dms., 100 lbs.....lb. 2.49 - —
jars, 25 lbs.....lb. 2.51 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 4.41 - 4.45
ctns., 25 lbs.....lb. 4.30 - 4.35
flb., dms., 100 lbs.....lb. 4.30 - 4.35
yellow, bots., 5 lbs.....lb. 4.51 - 4.55
ctns., 25 lbs.....lb. 4.40 - —
flb., dms., 100 lbs.....lb. 4.40 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbls..lb. 2.26 - —
USP, flb. dms., 50 lbs. or more..lb. 2.78 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.72 - —
flb., dms., 25 lbs.....lb. 1.66 - 1.65
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 6½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
5⅞x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .42 - —
95%, tanks.....gal. .41 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
synth., pure, dms., c.l., Zone 1, frt. alld..gl. .33 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .46½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10¼- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. .....lb. .09¼- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. all..lb. .29½- —
acetone, natural, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast .....gal. .42 - —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt. alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4, ...gal. .005 - —
tanks, Zone 1, frt. alld., E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4, ...gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.20
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .65 - .70
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
Chloride, refrigeration, service men and consumers, 60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 20-lb cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .85 - .90
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.85
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .28 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Melhylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. allds., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.25 - —
Chloride, dms., f.o.b. works..lb. .18 - .25
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.60
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
Metronite pigment, 180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works.....lb. .02 - —
500 lbs., works.....lb. .02½- —
100 lbs., works.....lb. .03 - —
roofing, bags., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works.ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works.....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. allds., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. allds. E..lb. .04½- —
l.c.l., ex-whse., or frt. allds., E..lb. .04¾- —
rubber, bgs., c.l., frt. allds. E..lb. .04 - —
l.c.l., ex-whse., or frt. allds., E...lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l. .....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06¼- .06¾
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .05½- .06
f.o.b. New Orleans.....gal. .04½- .05
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms...lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs. .....oz.10.00 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethhydrochloride, bots. 5 ozs. oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works.....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .15
flowers, cns. .....lb. 1.20 - 1.25
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.00 - —
5 lbs. to 75 lbs.....lb. 3.25 - —
1 lb. .....lb. 3.40 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. .90 - —
5 lbs. to 75 lbs.....lb. 1.00 - —
1 lb. .....lb. 1.15 - —
Musk root, bls.....lb. .65 - .70
Mustard seed, Bombay, brown, bgs..lb. No stocks
California, brown, bgs.....lb. .09½- .10
Chinese, yellow, bgs.....lb. .06½- .06¾
Danish, yellow, bgs.....lb. .20 - .21
Dutch, yellow, bgs.....lb. .15½- .16
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. No stocks
Myrobalans, J1, bgs., shpt...ton.30.00 Nom.
J2, bgs., shpt.....ton.21.00 Nom.
Extract, liquid, 25%, bbls....lb. No prices
solid, 50% bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
Naphthalene, crude, dom., 74 deg., bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
Import, bgs., Atl. ports.100 lbs. No prices
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06¼- —
(13 oz.) same basis..pkg. .06¾- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .36
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .80½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls..lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.2158- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. 2.25 - —
East Coast producing points..unit-ton. 3.00 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .29 - .30
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .24 - .25
110s, bgs., cs.....lb. No prices.
West Indian, bgs.....lb. .14½- .15
Nux vomica, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .09 - .09½

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .12½- —
l.c.l., G.S .....gal. .17 - —
tanks, G.S.....gal. .10¾- —
Octyl acetate, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .....lb. 1.90 - 2.00
s.p.a., bots. .....lb. 1.95 - 2.05
sweet, true, exp., cns....lb. .95 Nom.
Amber, crude, cns.....lb. .19 - .20
ref'd, cns. .....lb. .50 - .51
Amyris, cns. .....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 Nom.
seed, bots.....lb.75.00 Nom.
Anilin (see A).
Anise, USP, cns., dms.....lb. .85 Nom.
Apricot, kernels, cns.....lb. .32 Nom.
Babassu, tanks .....lb. .07¾ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.05 Nom.
55-60% phenols, cns.....lb. 1.20 Nom.
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 4.00 Nom.
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 Nom.
rectified, cns. .....lb. .65 Nom.
Bois de rose, Brazil, cns.....lb. 1.60 Nom.
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .53 Nom.
USP IX, cns.....lb. .63 Nom.
Calamus, cns.....lb. 5.50 Nom.
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .28 Nom.
white, cns.....lb. .36 Nom.
dms. .....lb. .34 Nom.
Cananga, native, cns.....lb. 1.35 Nom.
rectified, cns.....lb. 1.80 Nom.
Capsicum (oleoresin) N. F. VI, cns..lb. 2.25 Nom.
Caraway, USP, cns.....lb. 3.00 Nom.
Cardamom, bots.....lb.15.00 Nom.
Cassia, USP, cns., dms.....lb. 1.15 Nom.
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10¼- —
cns. (1-gal.) l.c.l. .....lb. .13½- —
dms (returnable), c.l.....lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —
dehydrated, dms., c.l.....lb. .131 - —
l.c.l. .....lb. .136 - —
tanks .....lb. .125 - —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
75% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Cedarleaf, cs.....lb. .62 Nom.
dms. .....lb. .57 Nom.
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .20 - .21
Celery, bots. .....lb. 7.25 Nom.
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms. .....lb. .28 Nom.
tanks .....lb. .23 - .27
Cinnamon, Ceylon, bots.....lb. 9.25 -25.00
Seychelle, bots.....lb. 7.25 Nom.
Citronella, Ceylon, cns.....lb. .38 Nom.
dms. .....lb. .36 Nom.
Java, cns., dms.....lb. .35 Nom.
Clove, makers, USP, cns....lb. 1.60 Nom.
dms. .....lb. 1.55 Nom.
Coconut, Manila, crude, tanks, lb. .04¾ Nom.
Pac. Cst. .....lb. .04¾ Nom.
edible, 76°, tax incl., dms. (returnable), c.l..lb. .09¾- —
l.c.l. .....lb. .10¼- —
tanks .....lb. No price
Cod, Newfoundland, shipt., un-tanked..gal. No prices
Norwegian, shipt., bbls...gal. No prices
Codliver, med., USP, bbls..bbl.40.00 -50.00
Coriander, bots.....lb.12.75 Nom.
Corn, crude, tanks, wks.....lb. .07¼ Nom.
refd., bbls. .....lb. .09¾ Nom.

Oil, cottonseed, dom., cooking, bbls.	lb.	.09¼-	—
salad, bbls.	lb.	.10 -	—
import, Brazilian, semi-refd., bulk	lb.	No prices	
Creosote (see C).			
Croton, USP, cns.	lb.	1.35	Nom.
Cubeb, USP, cns.	lb.	3.50	Nom.
Crude (see Petroleum, crude).			
Cumin, bots	lb.	7.50	Nom.
Cypress, dom., bots.	lb.	5.25	Nom.
import, cns.	lb.	12.00	Nom.
Degras (see D).			
Diesel, Bayonne, bulk	bbl.	1.75	- —
California, 24 plus, bulk	bbl.	1.55	- —
Dill seed, bots.	lb.	3.00	Nom.
weed, bots.	lb.	3.60	Nom.
Dip (see L).			
Erigeron, cns.	lb.	2.40	Nom.
Eucalyptus, cns.	lb.	.57	Nom.
dms.	lb.	.55	Nom.
Fennel, sweet, cns.	lb.	1.95	Nom.
Fuel, bunker, California, tide-water	bbl.	.90	- —
Gulf Coast	bbl.	.90	- .95
Louisiana, Arkansas, 10-14,	bbl.	.85	- 1.00
N. Y. and N. J. terminals:—			
Monday	bbl.	1.15	- —
Tuesday	bbl.	1.15	- —
Wednesday	bbl.	1.15	- —
Thursday	bbl.	1.15	- —
Friday	bbl.	1.15	- —
Saturday	bbl.	1.05	- —
North. Texas, 18-22	bbl.	.85	- .90
24-28, zero cold test	bbl.	1.00	- 1.10
Oklahoma, 18-22	bbl.	.85	- .90
24-28, zero cold test	bbl.	1.00	- 1.10
24-28, 15 and above	bbl.	.85	- .90
Pennsylvania, 36-40	gal.	.04	- .04½
Furnace, Bayonne, 1, bulk, refinery	gal.	.04¾-	—
2, bulk, same basis	gal.	.04⅝-	—
4, bulk, same basis	gal.	.04½-	—
Louisiana - Arkansas, 32-36, light straw	gal.	.03½-	.03½
Oil, furnace, Oklahoma, 28-30	gal.	.03 -	—
32-36	gal.	.03⅝-	.03½
36-38	gal.	.03⅝-	.03¾
28-40, straw	gal.	.03⅝-	.03¾
28-40 zero, 60 c.p.	gal.	.03⅝-	.04
Fusel (see F).			
Gas, Bayonne, bulk	gal.	.04 -	—
Gulf Coast, bulk	gal.	.03½-	—
North Texas, bulk	gal.	.02⅞-	—
Oklahoma, bulk	gal.	.03½-	—
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.,	lb.	2.75	Nom.
Bourbon, cns.	lb.	2.75	Nom.
Turkish (see Palmarosa).			
Grapefruit, cns.	lb.	1.50	Nom.
Grapeseed, dms.	lb.	.40	Nom.
Ginger, dist., bots.	lb.	4.50	Nom.
Guaiac wood, concrete, bots.	lb.	2.10	Nom.
Haarlem, import. bots.	gross	5.50	- 5.75
Hemlock, cns.	lb.	1.00	Nom.
Juniper berry, USP, cns.	lb.	1.35	Nom.
Wood, tech., cns.	lb.	.45	- —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.40	Nom.
cns.	lb.	.42	Nom.
Lard, common, 1, bbls.	lb.	.10	- —
2, bbls.	lb.	.09¾-	—
extra, bbls.	lb.	.10⅜-	—
1, bbls.	lb.	.10⅛-	—
Winter, strained, extra, bbls.,	lb.	.10⅝-	—
prime, burning, bbls.	lb.	.11¼-	—
prime, ined., bbls.	lb.	.11 -	—
Laurel, bots.	lb.	4.50	Nom.
Lavandin, cns., 25 lbs.	lb.	1.50	Nom.
Lavender flower, French 50% ester, cns.	lb.	4.50	Nom.
38-42% ester, cns.	lb.	3.25	Nom.
35-38% ester, cns.	lb.	2.75	Nom.
30-32% ester, cns.	lb.	2.25	Nom.
garden, cns.	lb.	.42 -	.45
spike, Spanish, tech., cns.	lb.	1.05	Nom.
dms	lb.	.95	Nom.
Oil, lemon, Calif., cns.	lb.	3.00 -	—
Messina, coppers, cns.	lb.	3.50	Nom.
Terpeneless, Type 1	lb.	10.75	-16.50
Type 2	lb.	8.50	-14.50
Lemongrass, native, cns., dms.,	lb.	.57	Nom.
Lime, dist., West Indian, cns.,	lb.	3.45	Nom.
expressed, cns.	lb.	7.25	Nom.
Terpeneless, Type 1	lb.	42.00	-46.50
Type 2	lb.	60.00	-78.00
Linaloe wood, cns.	lb.	1.50	Nom.
Linseed, raw, bbls., c.l.	lb.	.1080-	.1100
l.c.l., 10 to 69	lb.	.1100-	.1120
5 to 9	lb.	.1140-	—
less than 5	lb.	.1160-	—
tanks	lb.	.1020-	.1040
Boiled linseed oil prices are .004 cents higher than raw.			
Lovage, bots.	lb.	41.25	-60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.	gal.	.20 -	—
140 vis., dms.	gal.	.25 -	—
green, pale, 750, 900 vis., dms.	gal.	.26 -	—
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 -	—
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.21½-	—
15-25 pour, tanks.	gal.	.20½-	—
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.23 -	—
15-25 pour, tanks.	gal.	.22 -	—
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.21½-	—
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.26 -	—
200-210 E, 15-25 pour, tanks.	gal.	.25 -	—
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 -	—

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Oil, Cottonseed—Oil, Shingle

Oil, lubricating, at refinery, incl., U.S. tax 4c. per gal., Oklahoma, neutrals, 180 vis., 3 color, tanks.	gal.	.14 -	—
4 color, tanks	gal.	.13½-	—
200 vis., 3 color, tanks,	gal.	.14½-	—
4 color, tanks	gal.	.14 -	—
250 vis., 3 color, tanks,	gal.	.15½-	—
4 color, tanks	gal.	.15 -	—
280 vis., 3 color, tanks,	gal.	.16½-	—
4 color, tanks	gal.	.16 -	—
300 vis., 3½ color, tanks,	gal.	.17 -	—
350 vis., same basis	gal.	.17½-	—
400 vis., same basis	gal.	.18 -	—
500 vis., same basis	gal.	.18½-	—
600 vis., same basis	gal.	.19 -	—
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.			
Penn., bright, 600, 10-15 pour, tanks.	gal.	.25½	Nom.
25 pour, tanks.	gal.	.23½	Nom.
cylinder, 600 fire, tanks,	gal.	.19	Nom.
600 flash, tanks	gal.	.20	Nom.
630 flash, tanks	gal.	.22	Nom.
635 fire, tanks	gal.	.18	Nom.
650 fire, tanks	gal.	.18	Nom.
Warren, E, amber, tanks,	gal.	.16	Nom.
Penna, Warren, E, neutral, 150 vis., 3 color, tanks.	gal.	.22	Nom.
180 vis., 3 color, tanks.	gal.	.23	Nom.
200 vis., 2 colors, tanks.	gal.	.23½	Nom.
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.28	Nom.
unfiltered, 600 s. r. bbls., f.a.s.	gal.	.21½	Nom.
600 flash, s. r., bbls., c.l.	gal.	.23½	Nom.
630 flash, bbls, c.l., f.a.s.,	gal.	.27½	Nom.
Warren, E., bbls., c.l., f.a.s., smaller lots, f.o.b.	gal.	.27	Nom.
Mace, dist., cns., dms.	lb.	1.50	Nom.
Mandarin, superior, coppers.	lb.	6.00	Nom.
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.35	Nom.
refd., alkali, dms.	lb.	.0820-	—
tanks	lb.	.0760-	—
refd., blown, dms.	lb.	.0840-	—
kettle-bodied, dms.	lb.	.0940-	—
light pressed, dms.	lb.	.0760-	—
tanks	lb.	.0700-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, cns	lb.	1.60 - 1.70	
dist., natural, bots.	lb.	8.50 - 9.00	
Neatsfoot, 20° cold test, bbls.,	lb.	.19¾-	—
extra, bbls.	lb.	.10¼-	—
1, bbls.	lb.	.09⅞-	—
pure, bbls.	lb.	.16⅜-	—
prime, bbls.	lb.	.10⅝-	—
sulphonated, common, 25% moisture, dms.	lb.	.10½-	—
Neroli, bots.	lb.	85.00	-140.00
Nutmeg, USP, cns., dms.	lb.	1.50	Nom.
Oiticica, dms.	lb.	.21	Nom.
Oleo, 1, bbls.	lb.	.12 -	—
2, bbls.	lb.	.11¾-	—
Olibanum, bots.	lb.	5.00	- 5.25
Olive, denat., bbls.	gal.	1.40	Nom.
edible, bbls.	gal.	2.25	Nom.
foots, dms.	lb.	.10	Nom.
sulphonated, 50% (43% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
75% (63% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
80% (68% fat), dms., c.l.	lb.	No prices	
l.c.l.	lb.	No prices	
Orange, sweet, dist., cs.	lb.	.90 -	—
expressed, African, cns., dms.	lb.	1.25	Nom.
Calif., cns.	lb.	1.50 -	—
Messina, USP, coppers.	lb.	3.00	Nom.
West Indies, cns.	lb.	2.50	Nom.
terpeneless	lb.	68.00	-69.00
Origanum, cns.	lb.	.90	- 1.25
Orris, Florentine, concrete, extra strong bots.	oz.	4.75	- 5.50
Palm, Niger, csks.	lb.	No prices	
shipment	lb.	No prices	
softs, 12½%, bulk, shipt.	lb.	No prices	
20%, bulk, shipt.	lb.	No prices	
Sumatra, shipt., bulk.	lb.	No prices	
Palmrosa, cns.	lb.	2.75	Nom.
Palmkernel, bulk, shipt.	lb.	No prices	
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼-	—
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½-	—
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 -	—
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 -	—
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾-	—
Patchouli, bots., cns.	lb.	3.75	Nom.
Peanut, crude, dom., tanks.	lb.	.07½	Nom.
refd., edible, bbls.	lb.	.10½	Nom.
Pennyroyal, dom., cns.	lb.	2.15	Nom.
import, cns.	lb.	2.20	Nom.
Peppermint, natural, cns., dms.	lb.	2.20	- 2.45
redist., USP, cns., dms.	lb.	2.45	- 2.70
Perilla, dms.	lb.	.14¼-	.15
tanks	lb.	.13½-	.14
Petitgrain, Paraguay, cns.	lb.	1.00	Nom.
Pimento berry, cns.	lb.	4.15	Nom.
leaf, cns.	lb.	3.00	Nom.
Pine, dest.-dist., straw-color, dms., dlvd., E. ports	gal.	.52	- .55
steam-dist., dms.	gal.	.59	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	1.15	Nom.
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls.	lb.	.15	- .15½
denat., bbls.	gal.	.90	Nom.
Red, dist. or saponif., dms., dlvd.	lb.	.09	- .09½
tanks, dlvd.	lb.	.08½-	—
Rose, artif., bots.	oz.	2.00	Nom.
natural, coppers.	oz.	No prices	
Rosemary, Spanish, cns.	lb.	.75	Nom.
dms.	lb.	.70	Nom.
Rosin, 1st rectfd., dms.	gal.	.49	- —
2d rectfd., dms.	gal.	.51	- —
3d rectfd., dms.	gal.	.55	- —
Rue, bots.	lb.	3.00	Nom.
Sage, cns.	lb.	2.50	Nom.
Sandalwood, E. I., USP, cns.	lb.	5.50	Nom.
Mysore, cns., case lots.	lb.	No prices	
Sardine, crude, tanks, Pac. Cst.	gal.	.38	Nom.
refd., alkali, dms.	lb.	.0820-	—
tanks	lb.	.0760-	—
kettle boiled, dms.	lb.	.0940-	—
light pressed, dms.	lb.	.0760-	—
tanks	lb.	.0700-	—
Sassafras, artif., cns.	lb.	.54	Nom.
dms.	lb.	.52	Nom.
natural, cns., dms.	lb.	1.10	Nom.
Savin, cns.	lb.	2.15	Nom.
Savory, cns.	lb.	2.00	Nom.
Sesame, refd., import, dms.	lb.	No prices	
shingle stain, bbls., c.l., wks.,	gal.	.19 -	—
l.c.l., works	gal.	.21 -	—
tanks, works	gal.	.14 -	—

Oil, Snakeroot—Petroleum

Oil, snakeroot, Canada, cns.	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.07⅛	Nom.
tanks	lb.	.06⅛	Nom.
refd., dms.	lb.	.08⅜	Nom.
tanks	lb.	.07¾	Nom.
Spearmint, USP, cns.	lb.	1.80	- 1.85
Sperm, bleach, 38°, dms.	lb.	.1030-	—
45°, dms.	lb.	.0960-	—
natural, dms.	lb.	.0910-	—
Spruce, cns., dms.	lb.	1.00	Nom.
Sweet, birch, North, cns.	lb.	2.25	- 2.65
South. cns.	lb.	1.45	- 1.50
Tall, crude, dms., c.l., works,	ton.	35.00	- —
l.c.l., works	ton.	40.00	-55.00
tanks, works	ton.	25.00	- —
refined, dms., c.l., works	lb.	.04	- —
l.c.l., works	lb.	.04½	—
tanks, works	lb.	.03½	—
Tallow, acidless, bbls.	lb.	.09¾	—
tanks	lb.	.09¼	—
Tansy, cns.	lb.	7.00	Nom.
Tar, pine, cm'l, dms., c.l.,divd., E. cities	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, divd. E. cities	gal.	.20	- —
Tar, pine, rectfd., USP, bbls., divd., E. ports	gal.	.55	- —
Tar acid (see T).			
Teaseed, crude, dms.	lb.	.13½	Nom.
refined, dms.	lb.	.14½	Nom.
Tea Tree (see Oil, Ti tree).			
Thyme, NF, red, dms.	lb.	1.10	Nom.
white, dms.	lb.	1.15	Nom.
Tung (see Oil, chinawood).			
Ti tree, cns.	lb.	2.40	Nom.
Turkey red (see Oil, castor, sulphonated)			
Turpentine (see T).			
Valerian, bots.	lb.	8.00	Nom.
Vetiver, bots.	lb.	6.00	-18.00
Oil, walnut, crude, dms.	lb.	.15	Nom.
refd., dms.	lb.	.16	Nom.
Whale, refd., natural, dms.	lb.	.0910-	—
winter, bleach, dms.	lb.	.0950-	—
Wheat germ, cns., dms.	gal.	17.50	-25.00
White, mineral, dom., dms., tech., 50-60 vis., dms.	gal.	.40	- —
65-75 vis., dms.	gal.	.42	- —
80-90 vis., dms.	gal.	.43	- —
USP, 80-90 vis., dms.	gal.	.46	- —
95-105 vis., dms.	gal.	.53	- —
125-135 vis., dms.	gal.	.60⅛	- —
140-150 vis., dms.	gal.	.64	- —
175-185 vis., dms.	gal.	.68¼	- —
200-210 vis., dms.	gal.	.70¼	- —
320-330 vis., dms.	gal.	.76	- —
335-345 vis., dms.	gal.	.77	- —
Russian, 80-90 vis., dms.	gal.	.58	Nom.
145-155 vis., dms.	gal.	.76½	Nom.
175-185 vis., dms.	gal.	.80½	Nom.
335-345 vis., dms.	gal.	.89	Nom.
Wintergreen, natural, North, cns.	lb.	4.00	- 8.00
South, cns.	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.60	Nom.
Wormwood, cns.	lb.	4.90	- 5.00
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 3.00
Manila, bots.	lb.	18.00	-34.00
Olivine, aggregate, c.l., mines,	ton.	5.00	- 6.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton.	15.00	- —
20 mesh to dust	ton.	10.00	- —
Opium, USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd. cns	lb.	12.50	-13.50
Orange, Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½	- —
Colo., Mont., N.M., Wyo.	lb.	.11¾	- —
Other points	lb.	.10¾	- —
smaller lots, divd., Ala., etc.	lb.	.11½	- —
Ariz., etc.	lb.	.12	- —
Colo., Mont., N. M., Wyo.	lb.	.11⅝	- —
Other points	lb.	.11¼	- —
French, Tours, casks, ex dock.	lb.	.13½	- —
kgs., ex dock	lb.	.14½	- —
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.65	- .70
Orange peel, bitter, bls.	lb.	.11	- .13
sweet, bls.	lb.	.18	- .19
Orris root, Florentine, bgs.	lb.	.14	- .18
fingers, cs.	lb.	1.25	- 1.30
powd., bbls., bxs.	lb.	.16	- .20
Verona, bls.	lb.	.14	- .17
powd., bxs., cs.	lb.	.16	- .20
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.32	- —
Orthocresol, dms., c.l., works.	lb.	.16¼	- —
l.c.l., same basis	lb.	.17¾	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis	lb.	.08	- —
50-lb tins, same basis	lb.	.09	- —
tanks, same basis	lb.	.05¼	- —

Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls.	lb.	.08	- —
51°, bbls.	lb.	.09	- —
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

P

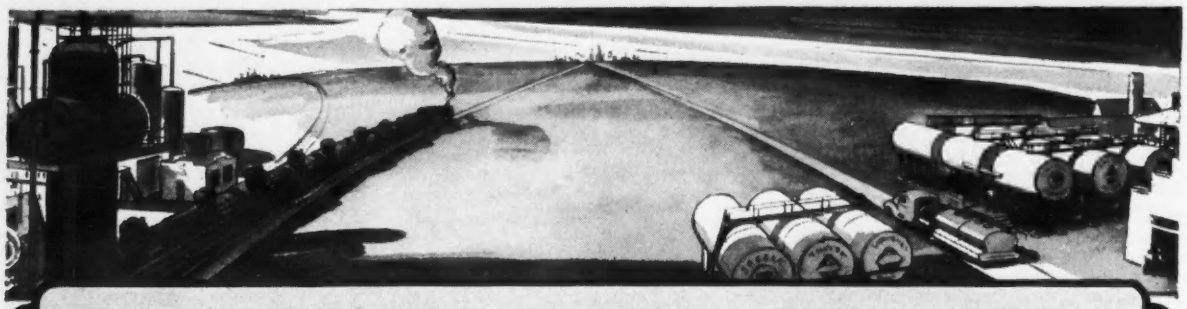
Papain, powd., cr.	lb.	2.10	- 2.15
Paprika, Hungarian, extra fancy, bgs.	lb.	.40	- .42
medium, bgs.	lb.	.39	- .41
Portuguese, extra fancy, bgs.,	lb.	.32½	- .33½
fancy, bgs.	lb.	.31½	- .32
Spanish, extra fancy, cs.	lb.	.43	Nom.
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs.,			
c.l., Okla., refy.	lb.	.0370	Nom.
bbls., c.l., N. Y.	lb.	.0390	Nom.
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.0375	Nom.
bbls., c.l., N. Y.	lb.	.0395	-Nom.
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0390	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.04¼	- —
loose, c.l.	lb.	.0450	- —
125-127 A.m.p., bgs., c.l.	lb.	.0440	- —
loose, c.l.	lb.	.0420	- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.04	- —
131-132 A.m.p., bgs., or loose, c.l.	lb.	.0485	- —
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0515	- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0540	- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0615	- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.07	- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.09	- —

Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.

match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½	- .03⅜
semirfd., solid., 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis	lb.	.35	- —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., c.l., works	lb.	.10	- —
l.c.l., works	lb.	.11¼	- —
5 and 10 gal, dms., works	lb.	.15	- —
USP, cs., cbys.	lb.	.37	- .45
Paranitroanilin, kgs., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.25	- .27
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.23	- .24
Pellitory root, bls.	lb.	.20	- .30
Pennyroyal leaves, bls.	lb.	.15	- .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½	- —
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
Pepper, black, Alleppey, bgs.	lb.	.08½	- .09
Lampong, bgs.	lb.	.04⅜	- .04½
Tellicherry, bgs.	lb.	.08½	- .09
Red, chillies, Japan, Hontaka,	lb.	.22	- .23
Mombassa, bgs.	lb.	.40	- .45
White, Java, Muntok, bgs.	lb.	.10¾	- .10½
Saigon, bgs.	lb.	.08¾	- .09
Peppermint leaves, dom., bls.	lb.	.34	- .35
import, bls.	lb.	.65	- .70
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08	- —
l.c.l., same basis	lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½	- —
l.c.l., same basis	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —
Zone 4, dms., c.l., f.o.b., stock points.	lb.	.09	- —
l.c.l., same basis	lb.	.09½	- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	1.10	- 1.15
Petrolatum, amber, dms., c.l.	lb.	.03	- —
l.c.l.	lb.	.04⅛	- —
amber, extra, dms.	lb.	.03¼	- —
l.c.l.	lb.	.04⅜	- —
veterinary, dms., c.l.	lb.	.02⅞	- —
white, cream, dms., c.l.	lb.	.05	- —
l.c.l.	lb.	.06½	- —
lily, dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.07½	- —
snow, dms., c.l.	lb.	.07	- —
l.c.l.	lb.	.08½	- —
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .82
Athens	bbl.	.84	- 1.09
Belridge	bbl.	.70	- 1.83
Buena Vista Hills	bbl.	.70	- 1.83
Canal-Greely	bbl.	.91	- 1.06
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.75	- 1.23
Dominguez	bbl.	.79	- 1.06
East Coyote	bbl.	.76	- .90
Elk Hills	bbl.	.70	- 1.33
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.20
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —



A Bulk Plant... A Tank Truck...
A Rushed Tank Car... and

SKELLY SAVES THE DAY!

(A Letter from a Skellysolve Technical Field Man to his Chief)

Dr. A. Ernest MacGee, Manager
Solvents Division
Skelly Oil Company
Chicago, Illinois

Dear Doc;

I just came from the [redacted] Company here, who gave me this interesting report:

Early last month they phoned us a rush order for a tankcar of Skellysolve-B. They had suddenly discovered their supply was going to be exhausted in less than 18 hours. We phoned the refinery and arranged to have a car shipped to them that very morning. Meanwhile, to keep them from running out of solvent before the tankcar could arrive, we rushed them a tank truck of Skellysolve-B from our Chicago bulk plant.

They told me that this unusual emergency service really saved the day for them. It prevented a shut-down which at that time would have been very costly and embarrassing. They send you their thanks and kindest regards.

Sincerely,

Syd

THERE are many users of industrial naphthas who perhaps have never had occasion to call upon their supplier for any such extraordinary accommodation as the one related in this letter. But sooner or later, to every user, comes a time when *ability to deliver in an emergency* assumes first importance. This is the type of service for which Skelly has become famous. However, Skelly's fame does not stop there! The field of special hydrocarbons has no truer symbol of *quality* than the name of Skellysolve. We don't mind, though, if you just take that part for granted. But we want you to know you really can depend on Skelly coming through when special unusual services are required. Whether it's a technical problem on which you can use the counsel of a solvents expert, a formula you need changed, or a new one developed —or whether it's a question of special delivery in an emergency, Skelly is right there ready to serve you! Sooner or later, we're sure you too will find Skelly saves you money!

SKELLYSOLVE *in the* OIL, PAINT and DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for every industrial use. We furnish a complete line of V.M.&P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons with properties to fit every plant or laboratory process. Our technical staff has aided many manufacturers by helping them develop formulas for new or improved products which have proved of value.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, Manager

WIRE OR WRITE TODAY FOR INFORMATION OR PRICES

Petroleum, crude, bulk, at wells:—
California:—
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .94
Lakeview.....bbl. .70 - 1.25
Lost Hills.....bbl. .70 - 1.15
McKittrick.....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.25
Montebello.....bbl. .77 - 1.70
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall.....bbl. .70 - —
Orcutt.....bbl. .70 - .92
Olinda Brea.....bbl. .76 - 1.37
Playa del Rey, f.o.b. pipeline.....bbl. .80 - 1.16
Richfield.....bbl. .76 - 1.00
Rosecrans.....bbl. .84 - 1.00
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Maria.....bbl. .68 - .76
California, Santa Paula, bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.15
Signal Hill.....bbl. .80 - 1.21
Torrence.....bbl. .80 - 1.04
Wheeler Ridge.....bbl. .70 - .98
Whittier.....bbl. .76 - .94
Wilmington.....bbl. .75 - 1.21
Canada:—
Oil Springs.....bbl. 1.97 - —
Petrolia.....bbl. 1.90 - —
Central West:—
Illinois.....bbl. .58 - 1.05
Lima.....bbl. .90 - —
Western Michigan.....bbl. .88 - —
Princeton.....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill.....bbl. .79 - 1.16
Batson.....bbl. .74 - 1.04
Dayton.....bbl. .95 - 1.41
Esperson.....bbl. .79 - 1.16
Goose Creek.....bbl. .79 - 1.28
Hull.....bbl. .74 - 1.04
Humble.....bbl. .74 - 1.04
Liberty.....bbl. .79 - 1.16
Markham.....bbl. .90 - 1.28
Orange.....bbl. .79 - 1.16
Pettus.....bbl. 1.28 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.28
Saratoga.....bbl. .74 - 1.04
Sour Lake.....bbl. .74 - 1.04
Spindle Top.....bbl. .74 - 1.04
Sugarland.....bbl. .79 - 1.28
West Columbia.....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.02 - 1.12
Kentucky river.....bbl. 1.10 - 1.20
Western Kentucky (Owensboro)..bbl. 1.19 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .78 - 1.00
Caddo.....bbl. .96 - 1.00
Cameron Meadows.....bbl. .74 - 1.19
Choctaw.....bbl. .74 - 1.20
Cotton Valley.....bbl. .73 - 1.05
Darrow.....bbl. .74 - 1.20
De Sota.....bbl. .73 - 1.05
El Dorado.....bbl. .73 - 1.00
Haynesville.....bbl. .73 - 1.05
Homer.....bbl. .73 - 1.05
Iowa.....bbl. .74 - 1.15
Lockport.....bbl. .74 - 1.12
Magnolia.....bbl. .73 - 1.05
Miller County.....bbl. .73 - 1.05
Pine Island.....bbl. .73 - 1.00
Rainbow.....bbl. .73 - 1.00
Rodessa.....bbl. .73 - 1.05
Smackover.....bbl. .73 - —
Tepetate.....bbl. 1.05 - —
Urania.....bbl. .89 - —
Mexico, f.o.b. terminals
Mexican port — based on contract:—
Panuco.....bbl. No prices
Tuxpan.....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas.....bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany.....bbl. 2.00 - —
Corning.....bbl. 1.92 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.55 - —
Eureka lines.....bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines..bbl. 1.65 - —
lower district in National Transit lines..bbl. 1.83 - 1.98
Rocky Mountain:—
Big Muddy.....bbl. .98 - —
Canon City-Florence...bbl. .90 - —
Cat Creek.....bbl. 1.10 - —
Rocky Mountain:—
Dutton Creek.....bbl. .86 - 1.10
Elk Basin.....bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.00
Frannie, light.....bbl. .45 - .89
Grass Creek, light.....bbl. .90 - —
Iles.....bbl. .92 - .94
Lance Creek.....bbl. .77 - —
Lander.....bbl. .51¼- —
Midway.....bbl. .82 - 1.10
Rock Creek.....bbl. 1.00 - —
Salt Creek.....bbl. .82 - 1.10
Sunburst.....bbl. 1.20 - —
Torchlight.....bbl. 1.20 - —
South Central and Southwestern Texas:—
Cass County.....bbl. .78 - 1.00
Cleveland-Liberty.....bbl. 1.14 - —
Conroe.....bbl. 1.27 - —
Darst Creek.....bbl. .96 - —
Hardin-Liberty.....bbl. 1.00 - 1.03
Luling.....bbl. .87 - —
Lytton Springs.....bbl. .99 - —
Mirando, (incl. Duval), bbl. .74 - 1.33
Panola County.....bbl. .73 - 1.03
Salt Flat.....bbl. .96 - —
Tomball.....bbl. .95 - 1.41
Van.....bbl. .93 - —
West Beaumont.....bbl. .70 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County.....bbl. .72 - 1.06
West Texas:—
Artesia, N. M.....bbl. .81 - .89
Crane.....bbl. .53 - .95
Crockett.....bbl. .53 - .95
Ector.....bbl. .53 - .95
Eddy (N. M.).....bbl. .71 - —
Howard.....bbl. .53 - .95
West Texas, Jackson, N. M. bbl. .61 - .85
Jackson, N. M.....bbl. .61 - .85
Lea, N. M.....bbl. .53 - .95
Maljamar, N. M.....bbl. .61 - .89
Mitchell.....bbl. .53 - .96
Pecos.....bbl. .85 - .87
Upton.....bbl. .53 - .95
Winkler.....bbl. .53 - .95
Ether, 30-60° dms., c.l., G.S. gal. .14½- —
l.c.l., G.S.....gal. .25½- —
tanks, G.S.....gal. .13½- —
35-60°, dms., l.c.l., G.S.....gal. .30½- —
40-75°, dms., c.l., G.S.....gal. .14½- —
l.c.l., G.S.....gal. .25½- —
tanks, G.S.....gal. .13½- —
laboratory grade, dms., c.l., G.S..gal. .14½- —
c.l., G.S.....gal. .25½- —
10-gal. lots, G.S.....gal. .50½- —

Petroleum, lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .08 - —
Group 3, tanks.....gal. .07⅞- .08
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .06 - —
Group 3, tanks.....gal. .06⅞- .07
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport.....gal. .13½ - —
Chicago, inc. 4c. tax..gal. .18 - —
Decatur, inc. 4c. tax..gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax, gal. .2030- —
Minneapolis-St. Paul, inc 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10 - —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .14 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 100 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans..gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .15 - —
2, over 90% arom., same basis..gal. .16 - —
5, tanks, f.o.b. Paulsboro, N.J..gal. .12 - —
30, same basis.....gal. .14½- —
40, same basis.....gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge,Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd., Los Angeles. gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .08 - —
Group 3, tanks.....gal. .06⅞- .07
tankwagon, Boston, ex tax, gal. .13 - .14
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1850- —
Decatur, inc., 4c. tax..gal. .1910- —
Evansville, Ind., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11 - —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .1570- —
solvent, rubber, at refinery, East Coast, tanks..gal. .09 - —
Group 3 light, 120 l.b.p. 250 e.p., tanks..gal. .06⅞- .07
stand[illegible] gal. .06⅜- .07
Stoddard (CS 30/37, at refinery,—
East Coast, tanks.....gal. .08¼- —
Group 3, tanks.....gal. .06⅜- .06½
tankwagon, Boston, ex tax, gal. .12¼- .12⅝
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, inc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09 - —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09 - —
Omaha.....gal. .1360- .14½
Philadelphia, ex tax...gal. .10¾- .13
St. Louis, inc. 1c. tax.gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11½
thinners, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low aniline, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond.....gal. .14½- —
Seattle, Wash....gal. .16¼- —
tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore..gal. .10½- —
Richmond.....gal. .10 - —
Southern Calif....gal. .09½ -
86, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .13 - —
Richmond.....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 42-47, tanks.gal. .08¼- —
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .08¼ -
Group 3, tanks.....gal. .05⅞- .06
tankwagon, tax included:—
Albany.....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .12½- .13½
Boston.....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .12½
Bridgeport, Conn.....gal. .11 - —
Buffalo.....gal. .15 - —
Camden, N. J.....gal. 10 - .12
Chicago.....gal. .1670 - —
Decatur.....gal. .1810 - —
Des Moines.....gal. .1790 - —
Evansville, Ind.....gal. .1420 - .1520
Milwaukee.....gal. .1930 - —
Minneapolis-St. Paul...gal. .19½- —
Newark.....gal. .09 - —
New York (200 gals.)..gal. .09 - —
Omaha.....gal. .1360- .1460
Philadelphia.....gal. .10 -
Pittsburgh.....gal. .11½- .13½
Providence.....gal. .11½ -
Rochester.....gal. 12 -
St. Louis.....gal. .1470 - —
Syracuse.....gal. .14½ -
Trenton.....gal. .10 -
Wilmington, Del.....gal. .10 - .13
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13 - —
l.c.l., same basis.....lb. .13¾- —
under 1,000 lbs.....lb. .14¾- —
tanks, works.....lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .90
yellow, fib., dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
land pebble, 70% min., bulk, mines..long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases.....lb. .23 - .25
Oxychloride, cyls.....lb. .16 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .43
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons, lb. .33 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .20 - .25
Pilocarpine hydrochloride, bots., vis..oz. 2.25 - 2.35
Nitrate, bots., vis.....oz. 1.75 - 2.00
Pimento, bgs.....lb. .12½- .12¾
Pinkroot, bls.....lb. .36 - .37
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l.....ton. 22.00 - —
Pitch, hardwood, 1-time, dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .53 - .54
Root bark, bgs.....lb. .49 - .50
Poppy flowers, red, bls.....lb. 1.15 - 1.20
Seed, Dutch, bgs.....lb. .27 - .28
Polish, bgs.....lb.
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l.....lb. .07¼- .07½
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03¼- .03¾
tanks.....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .09½ Nom.
gran., kgs.....lb. .12 Nom.
powd., kgs.....lb. .08½ Nom.
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys. or cns. lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Gualacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots. or cns.....lb. 1.22 - 1.48
dms.....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f. ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt, unit-ton. .58½- —
Metabisulphite, kgs.....lb. .16 Nom.
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .30
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10¼
Permanganate, tech., dms....lb. .18½- .19
Prussiate, red, bbls.....lb. No prices
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 -
Silicate alkaline, lump, bgs., lb. .07 - —

Petroleum—Raspberries

Potash, sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton. 36.25 - —
l.c.l.....lb. .13½- —
Xanthate, dms., c.l.....lb. .18 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipg, ton. 24.75 - —
Potash-titanium oxalate, kgs..lb. .35 - .40
Prickly ash bark, bls.....lb. .19 - .20
Berries, bgs.....lb. .45 - .46
Prince's pine herb, bls.....lb. .15 - .17
Propane, tanks, Group 3....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .21 - .25
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03½- —
less than 3, works....lb. .04½- —
F and 1, bbls., 3 or over, works..lb. .04 - —
less than 3, works....lb. .04½- —
O, O-½, O-¾, and ½ bbls., less than 3, works....lb. .04½- —
3 or over, works.....lb. .04½- —
Ital.-grd., bgs., c.l., shipt, ex dock, N. Y...ton. 39.00 Nom.
l.c.l., 5-39 tons, ex whse., ton. 44.00 Nom.
1,000-10,000 lbs., ex whse..ton. 46.00 Nom.
2 bgs., to 1,000 lbs., ex whse, ton. 48.00 Nom.
single bgs., ex whse.ton. 60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
basis (30 to 1) 2.5% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless..gal. 10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb. .35 - .37
Pyridin, denaturing, dms....gal. 1.65 - —
refd. 2°, dms.....lb. .50 - —
Pyrites Spanish, bulk, c.l.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis....ton. 12.00 - —
No. 3, 200 mesh c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
scrap, china, shell-demi, transparent, cs., works..lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. No prices
tanks, works.....lb. No prices
solid, 63%, bgs., c.l., ex dock, plus duty..lb. No prices
clarified, 64%, bgs., c.l., same basis..lb. No prices
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net) in bond..flasks. 105.00 Nom.
European, flasks, (76 lbs. net) in bond..flasks. 105.00 Nom.
Quince seed, bgs.....lb. .90 - 1.10
Quinidine, cryst., small, cns..oz. .90 - —
large, cns.....oz. .98 - —
powd., precip., cns.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Subject to surcharge of 4c. per oz.; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .92 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 - —
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .90 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, USP, X, cns.....oz. .54 - —
USP, XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine buyers must pay a surcharge of 4c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .75 - —
Subject to surcharge of 4c. per oz.; see note under Quinine.

R

R. salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .08 - .08½
red, bgs.....lb. .08 - .08½
Japanese, bgs.....lb. .06¾- .07
Raspberries, dried, bls.....lb. .65 - .70

Red, Alizarin—Shellac

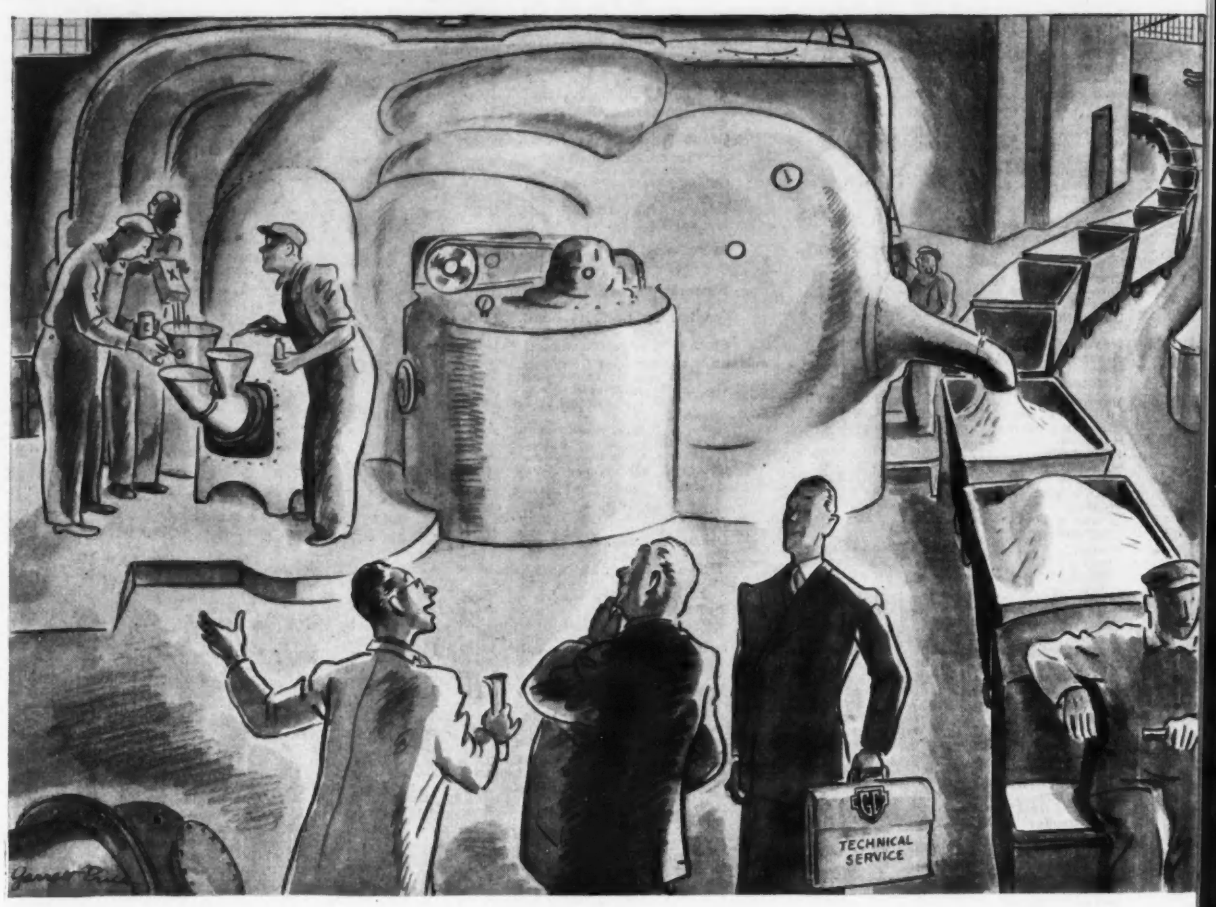
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1½c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago

Cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
Maroon shades, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.50 - —
dms., 500-lb. lots.....lb. 4.35 - —
100-lb. lots .....lb. 4.45 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.41 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works .....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.88 - 2.97
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 2.66 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .15 - .16
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb, root, cs.....lb. .48 - .50
powd., bbls., kgs.....lb. .52 - .55
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .20¾- —
smaller lots.....lb. .21¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .19¾- —
smaller lots.....lb. .20¼- —
Rose flowers, pale, bls.....lb. .65 - .70
red, bls.....lb. 3.50 - 3.55
Rose flowers, pale, bls.....lb. .60 - .75
Leaves, bls.....lb. .08 - .09
Rosin, gum, bbls., ex dock, 280 lbs. 5.15 - —
D, bbls.....280 lbs. 5.35 - —
E, bbls.....280 lbs. 6.25 - —
F, bbls.....280 lbs. 6.60 - —
G, bbls.....280 lbs. 6.55 - —
H, bbls.....280 lbs. 6.65 - —
I, bbls.....280 lbs. 6.80 - —
K, bbls.....280 lbs. 6.85 - —
M, bbls.....280 lbs. 6.90 - —
N, bbls.....280 lbs. 6.95 - —
W. G., bbls.....280 lbs. 7.15 - —
W. W., bbls.....280 lbs. 7.50 - —
X, bbls.....280 lbs. 7.50 - —
Rosin, wood bbls.....280 lbs. 4.35 - 6.00
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
import, lump, bbls.....lb. .14 Nom.
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .35 - .38

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .33 - .38
Saffron, Mexican, bls.....lb. .38 - .42
Spanish, tins.....lb.50.00 -52.00
Sage, Dalmatian, stemless.....lb. .19 - .20
garden, bls. .....lb. No prices
Safrol, cns.....lb. .52 - .53
dms. .....lb. .49 - .50
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs..c.l. dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N.Y.....ton.16.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.120.00 -132.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .19 - .20
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .18 - .20
Savory, bbls. .....lb. .15 - .16
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .16¾- —
smaller lots .....lb. .16⅝- —
kegs, 5,000 lbs., 1 shipm't..lb. .16⅝- —
smaller lots .....lb. .17⅛- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .68 - .70
Senna leaves, Alexandria, bls..lb. No prices
siftings, bls.....lb. .12 - .13
Tinnevelly, No. 1, bls.....lb. .14 - .15
2 bls.....lb. .12 - .13
3 bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .13 - .14
Pods, bls.....lb. .13 - .14
Serpentaria root, bls.....lb. .76 - .77
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .24 Nom.
dlvd. Boston .....lb. .24½ Nom.
Chicago .....lb. .24¾ Nom.
Pacific Coast.....lb. .27 Nom.
refd., bbls., f.o.b., N.Y....lb. .30 Nom.
dlvd. Boston.....lb. .30½ Nom.
Chicago .....lb. .30¾ Nom.
Pacific Coast.....lb. .33 Nom.
Garnet, bgs.....lb. .16 Nom.
Orange, D.C., VSO., Diamond I, cases..lb. .25 Nom.
Superfine, bgs., f.o.b. Bost., N. Y..lb. .17 Nom.
dlvd. Chicago.....lb. .17½ Nom.
Pacific Coast.....lb. .20 Nom.
T.N., bgs., f.o.b. Bost., N. Y., lb. .16 Nom.
dlvd., Chicago.....lb. .16½ Nom.
Pacific Coast.....lb. .19 Nom.
Varnish, orange, 5-lb. cut., bbls. gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....lb. 1.05 - 1.10



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Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.85.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 95-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .35 - —
Govt., purchase, dom., metal oz. .7111- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .27½- —
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .33 - .45
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .22 - .23
crushed, bls., bbls.....lb. .26 - .27
cut, bls., bbls.....lb. .35 Nom.
powd., bbls.....lb. .30 - .31
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls.....lb. .16 Nom.
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
ouns, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
light, 58%, bbls., c.l., works, 100 lbs. 1.35 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are'—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .45 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 2 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¾ .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.66
solution, 33 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
Soda, bisulphite, solution, 63 deg., bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., bbls., works..100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bbls., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.00
3 .....100 lbs. 3.95 - 5.34
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works 100 lbs. 2.80 - —
l.c.l., same zone prices as ammonia process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .08¾- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots...lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lbs. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 35-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd..100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt., equal'd, 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
Soda, hyposulphite, pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works..100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks. 100 lbs. 3.70 - 3.90
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.30
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.50 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs. dlvd., f.o.b. cars producing point or ports, rail or boat shipment, ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots..100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¼- .11½

Soda nitrite l.c.l price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾
l.c.l., works.....lb. .15¾
Soda, phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.53 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.73 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.00 - —
..c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11¼- .14
Picramate, kgs.....lb. .95 - —
Prussiate, yellow, bbls., 10,000 lbs. or more...lb. .10½- —
contracts .....lb. .09 - —
smaller lots.....lb. 10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.80 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. .04¼ Nom.
import, bbls. .....lb. .05¼ Nom.
Stannate, dms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, high-flash, dms., works, frt., equal'd..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld., gal. .26 - —
W. Coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms...c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .13½- —
l.c.l., works .....lb. .14 - —
Sparteine sulphate, cns.....oz. 1.60 Nom.
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01⅝- —
tanks, works .....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01⅞- —
tanks, works .....lb. .01⅝- —
Squawvine leaves, bls.....lb. .12 - .13
Squill, red, bls.....lb. .20 - .21
white, bls.....lb. .10 - .12
powd., bbls., bxs.....lb. .17 - .20
St. Ignatius beans, bgs.....lb. .49 - .51
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .08½- .09
Starch, com., pearl, bgs., f.o.b., Chicago..100 lbs. 2.65 - —
dlvd., N. Y.....100 lbs. 3.00 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 2.75 - —
dlvd., N. Y.....100 lbs. 3.10 - —
Potato, dom., bgs.....lb. .06 Nom.
import, bgs.....lb. .06 Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick, boil, bgs.....lb. .05¼ Nom.
Staveacre seed, bgs.....lb. .30 - .31
Stearin, oleo, bbls.....lb. .12 Nom.
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .17 - .18
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16 Nom.
Chloride, bbls.....lb. .15 Nom.
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.95 - 2.00
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
powd., cns., 100-oz. lots...oz. .50 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .82 - —

Silica—Tamarind

Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots, oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia ports, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works, 100 lbs. 2.00 - —
bbls., works.....100 lbs. 2.35 - —
l.c.l., bgs., works..100 lbs. 2.35 - 2.75
bbls., works.....100 lbs. 2.70 - 3.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works...100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works...100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l, works.100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l.....100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99½%, c.l. frt., alid..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alid..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .05 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04¼- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07¼- .10
Iodide, bots., jars.....lb. 3.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.78.00 Nom.
leaf, bls.....ton.82.00 Nom.
Extract, 42°, bbls.....lb. No prices
51° bbls.....lb. No prices
stainless, bbls.....lb. .07½- .09¼
berries, bgs.....lb. .05½- .06
Sunflower seed, Calif., large, bgs., lb. .06½- .07
medium, bgs.....lb. .05½- .06
poultry, bgs.....lb. .04¼- .04½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

T

Tale, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills, ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
N.Y., 96-98%, 325 c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs. c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills..ton.24.50
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. No price
ordinary, bgs., c.l., ex dock, arrival..ton. No price
l.c.l., ex whse.....ton. No price
Italian, 1, bgs., ex dock, arrival. ton.67.00 Nom.
ex whse.....ton.87.00 Nom.
2, bgs., ex dock, arrival.ton.64.00 Nom.
Tallow, animal, edible.....lb. .07¾ Nom.
extra, loose.....lb. .07 Nom.
special, loose.....lb. .06¾ Nom.
vegetable, ship, cs.....lb. No prices
sulphonated, 35% (24% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
50% (43% fat), dms., c.l., lb. No prices
l.c.l. .....lb. No prices
50% (48% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Tamarind, W. I., bbls.....lb. .12 - .13
kegs .....keg. 8.50 - 9.00

Tankage—V.M.P., Naphtha

Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 16-20% b.p.l., bulk..unit-ton. 5.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.50 & .10
high-grade feeding, bulk, Chicago, unit-ton. 5.50 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Oct. shipt., unit-ton. 3.80 & .10
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, bgs.....lb. .04½ Nom.
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .50 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .29¾ - —
less than 5.....lb. .30 - —
powd., bbls., 5 or more..lb. .29¾ - —
less than 5.....lb. .30 - —
USP, powd., bbls.....lb. .35 - —
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .80
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms. .....lb. .25 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½ - —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 Nom.
Sodiosalicylate, cns.....lb. 1.85 - —
dms. .....lb. 1.70 - —
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .20 - .22
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.25 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. No prices
Crystals, bbls., kgs.....lb. No prices
Metals, Straits.....lb. .60 - —
Oxide, bbls. .....lb. No prices
Tetrachloride, anhyd., bbls.lb. .30 - —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼ - —
Pac. Cst., ex whse..lb. .13¼ - —
1,000-9,999 lbs., E. frt. pd. lb. .13½ - —
Pac. Cst., ex whse..lb. .13½ - —
50-999 lbs., E. frt. pd. lb. .13¾ - —
Pac. Cst., ex whse..lb. .13¾ - —
under 50 lbs., E. frt. pd..lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼ - —
l.c.l., 5 tons, E. frt. pd. lb. .13½ - —
Pac. Cst., ex whse....lb. .13½ - —
1,000-9,999 lbs., E. frt. pd. lb. .13¾ - —
Pac. Cst., ex whse....lb. .13¾ - —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼ - —
1,000-9,999 lbs., frt. pd.lb. .16½ - —
50-999 lbs., frt. pd....lb. .16¾ - —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼ - —
l.c.l., 5 tons, E. frt. pd..lb. .16½ - —
Pac. Cst., ex whse..lb. .16½ - —
1,000-9,999 lbs., E. frt. pd..lb. .16¾ - —
Pac. Cst., ex whse..lb. .16¾ - —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼ - —
l.c.l., dlvd.....lb. .05½ - —
Pac. Cst., ex whse..lb. .05½ - —
under 50 lbs., E. dlvd.lb. .06¼ - —
bbls., c.l., D., frt. alld..lb. .05½ - —
l.c.l., E., dlvd.....lb. .05¾ - —
Pac. Cst., ex whse....lb. .05¾ - —
under 50 lbs., E. dlvd.lb. .06½ - —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .48 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½ - —
tanks, E. of Omaha, frt. alld. gal. .23½ - —
Tonga vine, NF, bls.....lb. .40 - .41
root, bls. .....lb. .42 - .43
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½ - —
Zone 2, dms., c.l., works, frt. alld..lb. .08½ - —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½ - —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½ - —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1. includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .09½ Nom.
Madras, bgs.....lb. .11 Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .33 - —
l.c.l., 10 ex dock.....gal. .35 - —
5 ex dock.....gal. .37 - —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .23 - .25
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .29 - —
l.c.l., dlvd.....gal. .32 - —
tanks, dlvd.....gal. .24 - —

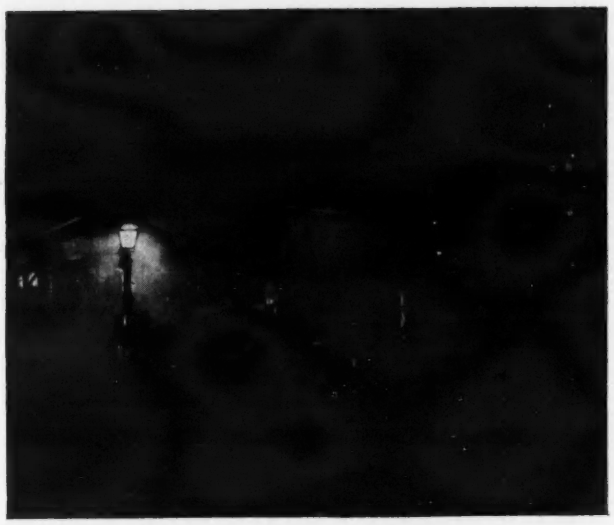
U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Bel'e, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14¼- .15¼
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.88 - —
Urea nitrogen, dom., 42% N., bulk, Sept. shipt., f.o.b. Belle, W. Va..ton.55.40 - —
Urea, nitrogen, imported, 40% N, bgs., July-Aug.-Sept. shipt..ton.53.30 - —
30% N, bgs., July-Aug.-Sept. shipt...ton.40.35 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .27 - .29
Valonia, beards, bgs., shipt..ton.57.00 Nom.
Cups, bgs., shipt.....ton.39.00 Nom.
extract, powdered, 63%.....ton. .05 Nom.
Vanilla beans, Bourbon, tins..lb. 6.50 - 7.00
Mexican, tins.....lb. 6.50 - 7.00
cuts, tins.....lb. 6.00 - 6.25
South American, tins.....lb. 6.00 - 6.25
oleoresin, bots. .....lb.12.00 -18.00 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha v.m.p.).

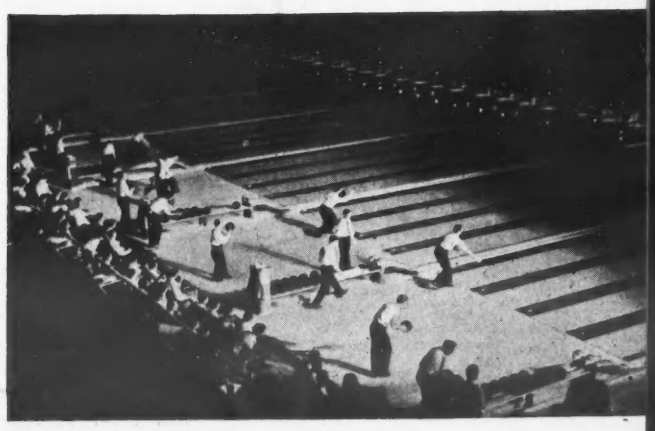
LIFE on the



(*Above*) **PHOTOGENIC FOG IS PRODUCED CHEMICALLY** in Hollywood by blowing atomized and perfumed mineral oil into the set with aeroplane propellers. Unlike other substances, it does not cloud camera lenses, nor irritate the actors' throats. The oil is first charged with an aromatic before it is used . . . borrowing an idea from the cosmetic industry. In that field Cyanamid has many customers for sulfonated oils, wetting agents, water soluble gums, zinc stearate, beeswax, talc, magnesium carbonate and magnesium oxide.

(*Above*) **CHEMICALLY TREATED PAPER PROTECTS SOIL** from er sion—in the form of a new mesh paper fabric developed by t makers of Bemis Bags. Called *Erosionet*, it is chemically treat during its twisting process to prevent rotting, and its millio of tiny but tough paper strands act as dams to hold seeds a soil in place, retain moisture, and at the same time admit su light. In the paper industry Cyanamid provides products f every step of manufacturing requiring chemicals.

(*Below*) **THE BEST FOOT FORWARD IN LEATHER** usually means the use of Cyanamid products, all of which are constantly being improved in our Stamford Research Laboratories as fast as new scientific knowledge can be applied. For leather men, Cyanamid supplies a complete line of products that reach from the lime to the fatliquor. For quicker tannage, uniform color, better tensile strength, and longer life, the industry looks to Cyanamid for leather chemicals for shoes, upholstery, luggage.



(*Above*) **NEW BOWLING BALL IS TRUE TO .0005"**. It is made of combi hard rubber and plastic composition, developed by the Manhattan Rub Mfg. Co., division of Raybestos-Manhattan, Inc. Perhaps in the n National Bowling Congress, like the Chicago event pictured above, reco will be broken because of the accurate manufacturing put into the n ball. Cyanamid supplied products for this development, also, supplies rubber industry with delayed action activators, accelerators, rubber phur, and other chemicals.

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., shipt....ton.38.50 Nom.
Extract, solid, bags.....lb. .05½ Nom.
Wax, bayberry, import, bgs...lb. .33 - .35
Bees, white, bleach, slabs, cs., 5 case lots..lb. .37½- —
1 cs., lots.....lb. .38 - —
cakes, 5 cs., lots.....lb. .38½- —
1 cs., lots.....lb. .39 - —
discs, 5 cs., lots.....lb. .39½- —
1 cs., lots.....lb. .40 - —
yellow, crude, Africa, bgs., lots of 10..lb. .24 Nom.
1 bg.....lb. .24½ Nom.
Brazil, bgs., 5-10 ton lots, lb. .28 Nom.
1 ton.....lb. .28½ Nom.
500 lbs.....lb. .29 Nom.
100 lbs.....lb. .29½ Nom.
refd., slabs, cs., lbs.....lb. .30 Nom.
Candelilla, bgs., 1 ton.....lb. .16½- .17
jobbing lots.....lb. .17 - .17½
Carnauba, No. 3 chalky, bgs., bgs., 1 ton..lb. .36 Nom.
5 bgs.....lb. .36½ Nom.
1 bg(.....lb. .37 Nom.
N. C., 2, bgs.....lb. .41 Nom.
N. C., 3, bgs., 1 ton.....lb. .38 Nom.
5 bgs.....lb. .38½ Nom.
1 bg.....lb. .39 Nom.
refined, bgs.....lb. .38 Nom.
yellow, No. 1 bgs., 1 ton..lb. No prices
5 bgs.....lb. No prices
1 bg.....lb. No prices
No. 2, bgs.....lb. No prices
Wax, ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .09 - —
jobbing lots.....lb. .10 - —
150°-160° m.p., bgs., 1 ton..lb. .10½- —
jobbing lots.....lb. .11½- —
160° m.p., bgs., 1 ton.....lb. .11½- —
jobbing lots.....lb. .12½- —
Japan, cs.....lb. .17 Nom.
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs.....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., 5-lb. bots..lb. 2.59 - —
dms., 50 lbs. or more....lb. 2.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
Whiting, gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.65 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
gilders, extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —

Wahoo Bark—Zinc Acetate

Whiting, putty grade, bgs., (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 ton, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .09 - .10
rossed, green, bls.....lb. .07 - .08
Wild Indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF bbls..gal. .40 - .48
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.23.00 Nom.
80 mesh, bgs., ex dock....ton.25.50 Nom.
100 mesh, bgs., ex dock...ton.28.50 Nom.
120 mesh, bgs., ex dock...ton.31.00 Nom.
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
dms., W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .33 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

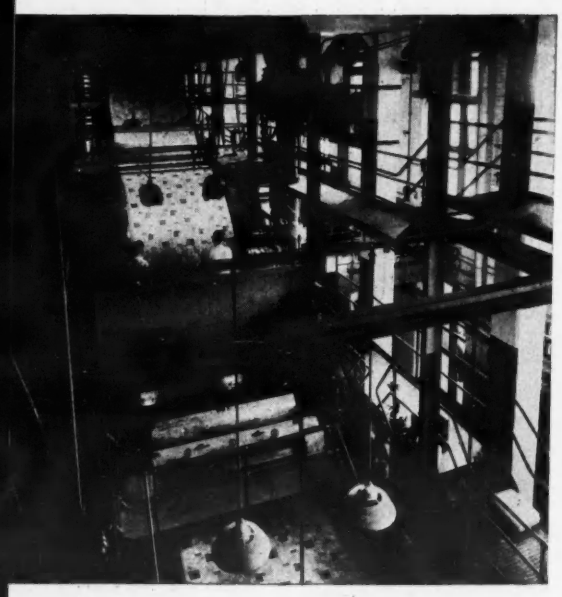
Yara yara, cryst., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 1.36 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis..lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.27 - —
primrose shade, bbls., same basis, chrome..lb. 1.73 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02¾- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0190- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
W, bbls., works .....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia for import..lb. .02¾- —
ex dock, San Pedro, San Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .03375- —
New York .....lb. .02½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle...lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .03725- —
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis .....lb. .03¾- —
New York.....lb. .03¾- —
Pittsburgh .....lb. .03¾- —
Portland, Seattle.....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .11 - .13
Yohimbine hydrochloride, via..oz. 4.00 - 4.25

Z

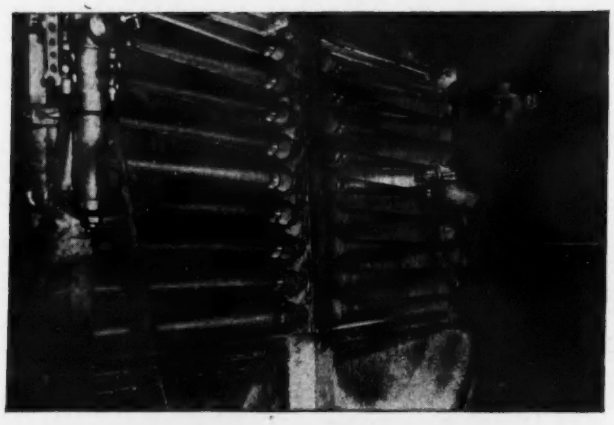
Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —

Chemical Newsfront

(Right) **A HOME RUN IN MODERN FINISHING** is being given to these baseball bats which may be used in this month's World's Series. Photo shows the spraying operation. Many a glossy, long-wearing finish today has in its composition Cyanamid resins, of which there are many. Favorites in the paint, varnish, and lacquer industries, these products of intensive research have aided considerably in the tremendous strides made by those fields in comparatively recent years. Today's finishes take more punishment and look better than yesteryear's.



(Above) **"CHEMICAL FLOOR COVERINGS" ARE MADE ACCURATELY** in the Congoleum-Nairn factory at Kearny, New Jersey. Of linoleum, they are manufactured from oxidized oil and gums mixed with ground cork, wood flour and coloring pigments. Giant revolving cylinders cut out pieces of the composition material, automatically place them against a revolving drum of fabric and the completed pattern is then welded under pressure to the fabric back. There are only three of these giant straight line linoleum inlaying machines in the United States.



(Above) **FASTER DRYING PRINTING INKS NOW POSSIBLE** with new formulas are turned out on this typical 3-roll, water-cooled grinding mill. During the last five years tremendous progress has been made in ink manufacturing, for which Cyanamid supplies special resins, high quality solvents and plasticizers like *Aero Brand Dibutyl Phthalate, Ethyl Lactate, **Ketonone E—Ethyl Ortho Benzoyl Benzoate, and many other products.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

*Reg. U. S. Pat. Off. **Trade-mark of American Cyanamid & Chemical Corporation used to denote plasticizers of its manufacture.

Zinc Arsenite—Zirconium

Zinc, arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
c.l., bags .....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.

Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l. works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .08½- —
l.c.l., bbls., dlvd.....lb. .09 - —
Fluoride, bbls.....lb. .20 - .35
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, com'l., lead free, bgs., c.l. dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. 06¼- 07½

Zinc, oxide, pigment, dom., Amer., process, lead free, bgs., l.c.l., ex whse., Pac. cst.....lb. .06½- .07¾
bbls., c.l., dlvd....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse..Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac. cst.lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd...lb. .06½- —
bbls., l.c.l., dlvd., except Pac.cst..lb. .06½- —
ex whse., Pac. cst. lb. .06½- —
50%, bgs., c.l., dlvd., except Pac. cst...lb. .0606- —
Pac. cst.....lb. .0612- —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
bgs., ex whse., Pac. cst..lb. .0631- —
bbls., c.l., dlvd....lb. .0631- —
l.c.l., dlvd., except Pac. cst..lb. .0656- —
ex whse., Pac. cst.lb. .0656- —

Zinc oxide, French process, com'l, led free, bgs., c.l., dlvd..lb. .06¼- 07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst..lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst..lb. .08¾- —
bbls., c.l. .....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —

Zinc oxide, imp., white, seal, cks., ex whse..lb. .11 - .12½
USP, bbls., c.l..... ...lb. .09½ -
Palmitate, bbls.....lb. .24½- .26½
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .21½- —
l.c.l., 1 ton.....lb. .22½- —
1,000-2,000 lbs.....lb. .23½- —
less than 1,000 lbs...lb. .24½- —
U.S.P., bbls.....lb. .22½- .24½
Sulphate, cryst., bgs., c.l..... 100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l.....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
flake, bgs., c.l.....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, pigment, barium, calcium, or magnesium base, bgs., c.l. (20 tons), dlvd..lb. .07¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .07¾- —
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd.....lb. .07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08 - —
Sulphocarbolate, NF, bbls....lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, rgd., kgs., works, lb. 1.80 - 2.00

Industry turns to Dow as headquarters for information on ETHOCEL* (Dow Ethyl Cellulose).

For Dow, as one of the earliest and largest domestic producers of ethyl cellulose, has developed a vast knowledge on the properties and uses of this highly versatile cellulose derivative.

Through its technical and chemical advisory service, Dow offers its experience to formulators and technical men interested in the application of ETHOCEL to lacquers and other types of coatings.

If you use cellulose derivatives or feel that ETHOCEL can help your product, address an inquiry to Dow. Customer inquiries will be held strictly confidential.

SOME OUTSTANDING ETHOCEL PROPERTIES

High film coverage per pound.
Low flammability.
Solubility in a wide range of low-cost solvents.
Ready pigment wetting and dispersion in plastic condition.
Stability to alkalies and weak acids.
Toughness and cold-check resistance to lacquers.

DOW

THE DOW CHEMICAL COMPANY, 1840 EAST MAIN STREET, MIDLAND, MICHIGAN
Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; Field Building, Chicago; 9 Main Street, San Francisco; 4151 Bandini Blvd., Los Angeles.

Visit exhibits of The Dow Chemical Company and its Great Western Electro-Chemical Company Division at the Golden Gate International Exposition.

*Trade Mark Reg. U.S. Pat. Off.

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn dms., lots of 10, works. lb. .10 - —
single dms., works.....lb. .12 - —
5 gal. cans, works.....lb. .17 - —
Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, dispersion resins, BK, 3962, XK 6791, dms., 30,000 lbs., works..lb. .22½- —
15,000 lbs., works.....lb. .23 - —
5,000 lbs., works.....lb. .23½- —
lacquer, XR 2342, dms., 30,000 lbs., works..lb. .27 - —
15,000 lbs., works.....lb. .28 - —
5,000 lbs., works.....lb. .29 - —
3180, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works...lb. .46 - —
5,000 lbs., works...lb. .47 - —
1829, bbls., 30,000 lbs., works..lb. .25 - —
15,000 lbs., works...lb. .26 - —
5,000 lbs., works...lb. .27 - —
2987, bbls., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works...lb. .27 - —
5,000 lbs., works...lb. .28 - —
3360, bbls., 30,000 lbs., works..lb. .36 - —
15,000 lbs., works...lb. .37 - —
5,000 lbs., works...lb. .38 - —
4036, bbls., 30,000 lbs., works..lb. .37 - —
15,000 lbs., works...lb. .38 - —
5,000 lbs., works...lb. .39 - —
6882, bbls., 30,000 lbs., works..lb. .42 - —
15,000 lbs., works...lb. .43 - —
5,000 lbs., works...lb. .44 - —
8900, bbls., 30,000 lbs., works..lb. .41 - —
15,000 lbs., works...lb. .42 - —
5,000 lbs., works...lb. .43 - —
9476, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works....lb. .25 - —
Bakelite, XR, 9517, dms., 30,000 lbs., works..lb. .29 - —
15,000 lbs., works...lb. .30 - —
5,000 lbs., works...lb. .31 - —
drums, works.....lb. .32 - —
10282, dms., 30,000 lbs., works..lb. .34 - —
15,000 lbs., works...lb. .35 - —
5,000 lbs., works...lb. .36 - —
drums, works.....lb. .37 - —
modified, BR, 302, dms., 30,000 lbs., works...lb. .23½- —
15,000 lbs., works...lb. .24 - —
5,000 lbs., works...lb. .24½- —
2073, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2175, cns., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works...lb. .23½- —
5,000 lbs., works...lb. .24 - —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works...lb. .24½- —
5,000 lbs., works...lb. .25 - —
solutions, XJ, 180, dms., 30,000 lbs., works..lb. .179 - —
15,000 lbs., works.....lb. .184 - —
5,000 lbs., works.....lb. .189 - —
2681, dms., 30,000 lbs., works..lb. .22 - —
15,000 lbs., works.....lb. .22½ - —
5,000 lbs., works.....lb. .23 - —

Beckacite, modified phenolic, 1100, dms., 1-9, frt. pd..lb. 14½- —
1101, dms., 1-9, frt. pd.....lb. .13 - —
1102, dms., 1-9, frt. pd.....lb. .12½- —
1106, dms., 1-9, frt. pd.....lb. .14 - —
1107, dms., 1-9, frt. pd.....lb. .13 - —
1108, dms., 1-9, frt. pd.....lb. .10 - —
1112, dms., 1-9, frt. pd.....lb. .14½- —
1113, dms., 1-9, frt. pd.....lb. .12 - —
1116, dms., 1-9, frt. pd.....lb. .14½- —
P-146, dms., 1-9, frt. pd....lb. .11 - —
P-147, dms., 1-9, frt. pd....lb. .12 - —
1121 dms, 1-9, frt. pd....lb. .17½- —
1122, dms., 1-9, frt. pd....lb. .14½- —
nonphenolic, 1110, dms., 1-9, frt. pd..lb. .12¾- —
1111, dms., 1-9, frt. pd.....lb. .13 - —
1114, dms., 1-9, frt. pd.....lb. .12½- —
1120, dms., 1-9, frt. pd.....lb. .13 - —

Beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less. These prices apply in N. E. and Mid-Atl. States, Ill., Ind., Ky., Mich., Minn., N. C., Ohio, Va., W. Va., Wis., and St. Louis, Mo.; add ¾c. per lb. on less than carloads and ½c. per lb. on carloads to Ark., Iowa, Kan., Mo. (except St. Louis), Neb., N. D., Okla., S. D., all South. States, and Dallas and Houston, Tex.; for Calif. add ¾c. per lb. on less than carloads and ½c. per lb. on carloads of regular items covered by contract, on items not shown in this list and items not covered by contract which must be shipped direct from Detroit, Mich., or Elizabeth, N. J., add 2c. per lb. on less than carloads and 1c. per lb. on carloads, carload prices listed above apply on shipments by water from Elizabeth, N. J., ex dock at Los Angeles, San Francisco, or Seattle; add 2c. per lb. on less than carloads and 1c. per lb. on carloads to Tex. (except Dallas and Houston) and all other points in the U. S. not mentioned in the foregoing.

Beckamine, 3440, ex. lt., dms., 1-9, frt. pd..lb. .22½- —
P-2, dms., 1-9, frt. pd.....lb. .14 - —
P-138, dms., 1-9, frt. pd....lb. .20½- —

Beckamine prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckolin, dark, dms., 1-9, frt. pd..lb. .15½- —
light, dms., 1-9, frt. pd.....lb. .17½- —

Beckolin prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Exporters Discuss Shipping Terms

—Continued from page 5

veterinary instruments, apparatus, and appliances (including electromedical apparatus); unexposed photographic plates, films and papers (excluding cinema films); raw flax; camphor; sulphur; bleaching powder and chlorine; mercury and its compounds; sulphuric acid; sodium carbonate (including soda ash); sodium bicarbonate; caustic soda; potassium carbonate; caustic potash; tetraethyl lead; drugs, medicines and sera; ammonia and ammonium compounds.

Danish Decree

The Danish government, together with importers, have established a joint purchase and distribution office for feedstuffs.

French Rulings

Trade between neutral or allied countries and Switzerland in direct transit through France are exempted from the French export and import restrictions. Imports into the French Zone of Morocco have been made subject to import licenses.

Japanese Restrictions

The Japanese-sponsored Nanking government has announced that exports of twelve classes of commodities, from Japanese-controlled territory, including the foreign concessions in Shanghai, except the Japanese portion of the International Settlement, have been prohibited unless special permits are obtained. The products affected include metals, mineral ores, and paint.

Norwegian Imports

The Norwegian Ministry of Commerce states that licenses are not required for most products imported into Norway at the present time. By terms of previous decrees, however, import licenses are at present required for vegetable oils, and cement.

Quinine Invoices Show Added War Costs

War risk insurance, higher ocean freight rates and additional expenses over and above those of usual business have increased the cost of quinine and all other derivatives of cinchona bark. The domestic makers have calculated this increase at 4c. per ounce.

With a view to showing quinine buyers just what they are paying for, invoices in the future will itemize the cost of purchases, basing the same on the official schedule of prices. A separate invoice item of 4c. per ounce will be billed to cover the extraordinary expenses caused by the European war, and hence entirely beyond the control of the manufacturers.

This is an entirely new scheme of selling and invoicing quinine. The surcharge will be altered if, when and as there are changes in war risk insurance, ocean freight rates and other special expenses caused solely by the war.

Beckopol, 1400, dms., 1-9, frt. pd..lb. .17½- —

Beckopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckosol, emulsion, 1500, dms., 1-9, frt. pd..lb. .10½- —
1501, dms., 1-9, frt. pd.....lb. .11½- —
Solid, 1, dms., 1-9, frt. pd....lb. .23 - —
3, dms., 1-9, frt. pd.....lb. .22 - —
7, dms., 1-9, frt. pd.....lb. .23 - —
13, dms., 1-9, frt. pd.....lb. .23 - —
18, dms., 1-9, frt. pd.....lb. .21 - —
19, dms., 1-9, frt. pd.....lb. .24 - —
24, dms., 1-9, frt. pd.....lb. .30 - —
31, dms., 1-9, frt. pd.....lb. .23 - —
32, dms., 1-9, frt. pd.....lb. .21 - —
Solution, nonphenolic, 1309, dms., 1-9, frt. pd..lb. .17½- —
1319, dms., 1-9, frt. pd..lb. .17½- —
1321, dms., 1-9, frt. pd..lb. .16½- —
phenol modified, 1303, dms., 1-9, frt. pd..lb. .12½- —
1304, dms., 1-9, frt. pd..lb. .12½- —
1320, dms., 1-9, frt. pd..lb. .13 - —
1325, dms., 1-9, frt. pd..lb. .12 - —
1328, dms., 1-9, frt. pd..lb. .11 - —
1329, dms., 1-9, frt. pd..lb. .11 - —
phenol modified and oil extended, 1, dms., 1-9, frt. pd. lb. .12½- —
2, dms., 1-9, frt. pd.....lb. .12 - —
1316, dms., 1-9, frt. pd...lb. .13½- —
1326, dms., 1-9, frt. pl...lb. .13 - —
pure alkyd, 1306, dms., 1-9, frt. pd..lb. .11½- —
1307, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1308, dms., 1-9, frt. pd..lb. .13½- —
1313, ex. lt., dms., 1-9, frt. pd..lb. .12½- —
light, dms., 1-9, frt. pd.lb. .11½- —
1318, dms., 1-9, frt. pd..lb. .15½- —
1323, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1324, dms., 1-9, frt. pd....lb. .24½- —
1331, dms., 1-9, frt. pd....lb. .12½- —
1332, dms., 1-9, frt. pd....lb. .11½- —
1333, dms., 1-9, frt. pd....lb. .13½- —
1334, dms., 1-9, frt. pd....lb. .13½- —
pure alkyd., P-7, dms., 1-9, frt. pd..lb. .14½- —
P-48, dms., 1-9 frt. pd...lb. .12½- —
P-94, dms., 1-9, frt. pd...lb. .13½- —

Beckosol, solid, prices in lots of 10 dms. or more are ¾c. per lb. less than above; in carloads, 1½c. per lb. less; prices of other Beckosols are ½c. per lb. less in lots of 10 dms. or more, 1c. per lb. less in carloads; all are subject to the same geographical differentials as Beckacite.

C

Cumar, AX, dms., works.....lb. .06 - —
BX, dms., works.....lb. .06 - —
CX, dms., gross weight, works, lb. .05 - —
DX, dms., gross weight, works, lb. .04 - —
EX, dms., gross weight, works, lb. .04 - —
FX, dms., gross weight, works, lb. .05 - —
MH, col. ⅛, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
MS, dms., works.....lb. .10 - —
P, 10°-90° C., col. 8 and darker, dms.. works..lb. .10½- —
RH, dms., works.....lb. .10 - —
RS, dms., works.....lb. .10 - —
special soft, dms., works...lb. .10 - —
V, col. ⅛, dms., works....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works, lb. .09 - —
W, col. ⅛, dms., works.....lb. .13 - —
1, dms., works.....lb. .12 - —
1½-2, dms., works.....lb. .11 - —
2½ and darker, dms., works, lb. .10 - —

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating June, 1939, are ¼c. per pound lower.

D

Durez, 202, dms., 30,000 lbs., works..lb. .40 - —
l.c.l., works .....lb. .41 - —
210, dms., 30,000 lbs., works.lb. .14½- —
l.c.l., works.....lb. .15 - —
220, dms., 30,000 lbs., works..lb. .15 - —
l.c.l., works.....lb. .15½- —
500, dms., 30,000 lbs., works, lb. .32 - —
l.c.l., works - .....lb. .33 - —
525, dms., 30,000 lbs., works, lb. .24 - —
l.c.l., works .....lb. .26 - —
550, dms., 30,000 lbs., works, lb. .29 - —
l.c.l., works .....lb. .30 - —
570, dms., 30,000 lbs., works.lb. .44 - —
l.c.l., works.....lb. .45 - —

Durez c.l. prices also apply on mixed cars; three-month contracts are for price protection only; for Pacific Coast and Gulf points, ex warehouse, add 3c. per lb.

Durite, 1,301 pale, one drum and over..lb. .25 - —
smaller lots.....lb. .26 - —
1,321, c.l.....lb. .40 - —
2,000 lbs. to c.l.....lb. .41 - —
smaller lots.....lb. .42 - —

All Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

G

G, resin, dms., gross weight, works..lb. .07 - —

G resin prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms., lots of 10, works. lb. .15 - —
single dms., works.....lb. .17 - —
cans, works.....lb. .22 - —

K

Kadox (zinc oxide), black or red label, bgs., c.l., divd..lb. .06½- —
l.c.l., divd. E. of Rockies.lb. .06¾- —
Pac. cst., ex whse.....lb. .06¾- —
bbls., c.l., divd.....lb. .06¾- —
l.c.l., divd. E. of Rockies.lb. .07 - —
Pac. cst., ex whse.....lb. .07 - —

Katalised oil, 666, dms., c.l., frt. pd..lb. .21½- —
l.c.l., frt. pd.....lb. .21 - —
667, dms., c.l., frt. pd.....lb. .11 - —
l.c.l., frt. pd.....lb. .11½- —

Katalised oil prices are subject to the same geographical differentials as Beckacite.

Kopol, 500, dms., 1-9, frt. pd..lb. .14½- —
501, dms., 1-9, frt. pd.....lb. .12½- —
502, dms., 1-9, frt. pd.....lb. .12 - —

Kopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

R-C copal, cracked nut, dms., c.l., frt. pd..lb. .09½- —
l.c.l., frt. pd.....lb. .09 - —

R-C copal prices are subject to the same geographical differentials as Beckacite.

N

Nevillac, dms., works.....lb. .17 - —

Nevillac prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ¼, dms., works..lb. .18 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col., 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms., works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12¼- —
R-9, hard, col. ½, dms., works. lb. .12 - —
R-10, hard, col., 1, dms., works..lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col., 2½-3½ dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .13 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2,dms., works..lb. .10 - —
R-16, medium, col. 2½-4 dms., works..lb. .09 - —
R-17, medium soft, col. 3½-5. dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium soft, col. 1, dms., works..lb. .12½- —
R-28, medium soft, col. 1½-2, dms., works..lb. 11½- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10½- —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating June, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Nevillite, "V", water - white, 100 lbs., dms., works..lb. 1.25 - —
No. 1, water-white, 100 lbs., dms., works..lb. .65 - —

Beckacite—Vinylite

Nevillite, No. 2, prime-white, 100 lbs., dms., works..lb. .55 - —
No. 3, very light straw, 100 lbs., dms., works..lb. .50 - —
oil, dms., works.....lb. 1.40 - —
No. 2, heavy, refd., dms., works..lb. .10 - —
465, 110-125°C, dms., gross weight, works..lb. .03 - —
Nevinol, dms., works.....lb. .13 - —
Nuba, 1, 80°-95° C., dms., gross weight, works..lb. .0265- —
2, 100°-125° C., dms., gross weight, works.....lb. .0265- —

Nuba resin prices on contracts terminating December, 1939, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

P

Paradene, No. 1, 75-99°C, dms., gross wt., works..lb. .04 - —
2, 100-124°C, dms., gross wt., works..lb. .04 - —

Paradene prices on contract, terminating June, 1939, are ¼c. lower; prices are freight equalized with Philadelphia, Pa.

Phenester, color 3½-5, dms., works..lb. .17 - —
P.H.O., dms., works.....lb. .19 - —
Pilolite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works.....lb. .79 - —
unmilled, dms., 1 ton, works.lb. .66 - —
smaller lots, works.....lb. .69 - —

R

Resinous oil, No. XI, dms., works..lb. .019 - —

S

Super-beckacite, pure phenolic, 1001, dms., 1-9, frt. pd..lb. .31 - —
1003, dms., 1-9, frt. pd....lb. .30 - —
2000, dms., 1-9, frt. pd....lb. .26 - —
2050, dms., 1-9, frt. pd....lb. .23 - —
2667, dms., 1-9, frt. pd....lb. .21 - —
3000, dms., 1-9, frt. pd....lb. .48 - —
3005, dms., 1-9, frt. pd....lb. .45 - —

Super-beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c per lb. less, with exception of 3,000 and 3005 where 10 dms. are 1½c. less and carloads 3c.; prices subject same geographical differentials as beckacite.

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —
BB, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.40.00 - —

V

Vinylite, AYAA, AYAF, AYAT, dms., 200 lbs., f.o.b. cars, works, frt. paid by seller to destination, E. of Mississippi river..lb. .45 - —
smaller lots, works.....lb. .60 - —
VYHF, dms., 200 lbs., works, lb. .56 - —
smaller lots, works.....lb. .66 - —
VYHH, dms., 200 lbs., works.lb. .57 - —
smaller lots, works.....lb. .67 - —
VYLF, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —
VYRR, dms., 200 lbs., works.lb. .55 - —
smaller lots, works.....lb. .65 - —

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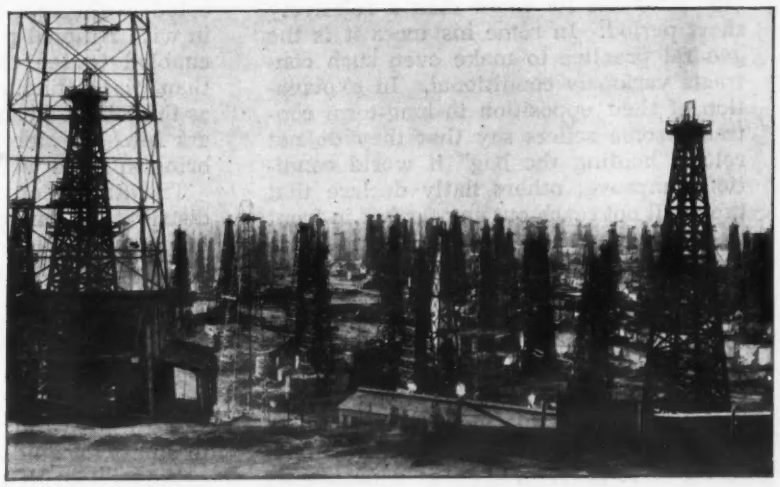

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Confidence or Commitments

In times of such world uncertainties as exist today, manufacturers are in a quandary in respect of the desirable course to pursue in seeking assurance of an adequate supply of materials. This condition obtains all the way down to primary materials. It is quite prevalent in the chemical industry today, and the question of making commitments is a puzzle for both buyers and sellers all down the line.

There is a tendency in many divisions of the industry, at least on the part of sellers, to discourage the making of long-term commitments, and even to refuse to enter into contracts for more than a relatively short period. In some instances it is the general practice to make even such contracts variously conditional. In explanation of their opposition to long-term contracts, some sellers say that they do not relish "holding the bag" if world conditions improve; others flatly declare that they will not reach out any farther in front of them than they can see behind them in the direction of their supply of primary materials.

Another reason given for the opposition to allowing buyers to load up or to get long-term assurances is the effect this has on the activity of sales departments. Those who take this view of the matter contend that it is as bad for sales departments as it is for production departments to create their own cycles, to alternate from peaks to pits in activity.

There is a growing view that, in times of uncertainty, the resulting problems of supply and demand should be shared equitably by buyers and sellers; that neither should expect the other to take all the chances. That there will be chances cannot be denied; although what these may be and when they may have to be faced, none can say. Certainly there should be no reason why the reciprocal confidence of buyer and seller should be weakened on either side by circumstances for which neither is responsible.

In view of the efforts being made to keep prices fair and to exclude the influence of speculation, the best general rule is that which gives confidence its merited value. Long-term, or short, no other can be equitable—and that is a most desirable characteristic always.

Another Reason

A new threat of bureaucratic control has been thrust into the national politico-economic picture by the declaration of the chairman of the Temporary National Economic Committee that his investigatory organization may take cognizance of the tendency to raise prices and may take on the job of applying the brakes. "Temporary," in respect of this bureau, seems likely to take on the meaning of "emergency," as applied to taxes.

It is doubtful that TNEC has authority to control prices. There is no doubt of the trouble it could make in trying. Self-control by business is a clearly indicated preventive of this.

—O-P-D—

Manufacturer and Distributor

At both of the conventions of wholesale druggists' associations in the past two weeks, particular emphasis was laid by several speakers on the value of the cultivation of better relations between manufacturers and retail distributors. At the F.W.D.A. meeting this advice had a direct bearing on the association membership because this is made up of retailer cooperatives. While a little less direct in relation to N.W.D.A. members, the application is substantial, because the retailer is the distributor for the wholesaler, as well as for the manufacturer—and both need him.

There can be no doubt of the ability of the retailer to influence buyers. Statistics show that this influence, when efficiently applied, is no less potent than that of national advertising. Manufacturers, and wholesalers as well, if they will learn the facts of this, must be impressed with the desirability of having the retailer on their side. To effect this desirable condition it is necessary that the retailer be taken into a sort of partnership, as he is in the distribution of agency goods; that he be educated to the real value of properly tying in with national publicity; and that he be enabled to see this by something more than platitudinous pronouncements, such as that about advertising bringing customers into his store. His own efforts can bring in more worth-while customers.

The attitude of the manufacturer toward distributors, particularly toward retailers, has too much of that neglect which has characterized and impaired the relations of employer and employee. He has not concerned himself with the problems of those who, as distributors of his goods, are working for him. As a result, the retailer, just as is the employee in a more common sense of the word, has been obliged to turn to others for guidance and assistance—and agitators flourish, to the detriment of those whose interests, even the most selfish, are interwoven with those of the employee, be he worker or distributor, whose services are indispensable. The dependence of the manufacturer is, in truth, far greater than that of the employer, because a disgruntled distributor always becomes a worker for a competing manufacturer.

There are many ways in which manufacturers can cultivate a friendly attitude on the part of the retailer. One of these, of course, is adequately to compensate the laborer for his hire. The popular conception of adequacy in this respect is not necessarily the proper one. Agitators, special pleaders of all sorts, must have an economic system that fits their case, and this requires very often that factual bases be disregarded, or, more detrimentally, distorted. It is far better to give retailers a sincere education in honest economics, which necessitates the use of instruction that will equip them with better merchandising ability—and this in turn entails the providing of better facilities.

Educational tours for the development of satisfied and satisfactory retailers are somewhat costly. Instruction by mail has an appeal in cost; but holds a deal of uncertainty. Much of this can be removed if the medium employed for the dissemination of the instruction in the simple, practical economics of merchandising is a trade publication (*Druggists Circular*, for example) which the retailer for other reasons evaluates as helpful to him.

—O-P-D—

Study the Consumer

If any real progress is to be made toward increasing the efficiency of distribution or reducing its cost, as much analytical attention must be given to the consumer as is given to the distributor. And the manufacturer's part in the obvious but puzzling excessive cost of distribution must also be admitted and analyzed.

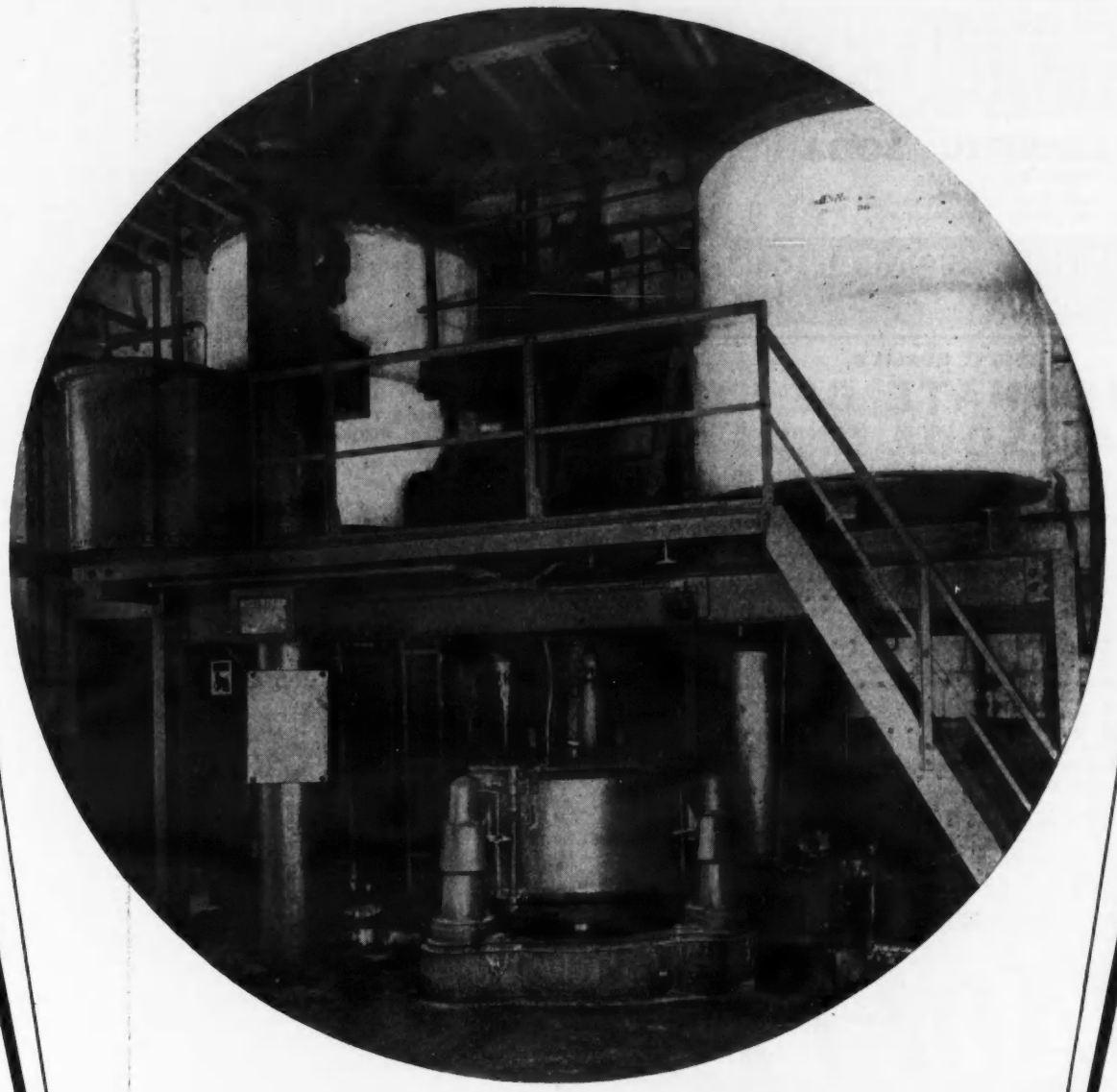
Whose is the task of tackling the problem of the high cost of distribution? Because he must bear the cost, the consumer evidently should have an initiative interest in the lessening of this burden. But, can the consumer alone solve the problem? He is trying to find a solution, with the help of a variety of governmental and private advisers and aids, and by means of cooperative organizations, which are largely the consequence of the advice and assistance tendered. And the consumer is making some progress. There is, however, a secondary reaction, or a compensating response, in that the cost of distribution as a whole is not reduced by the remedial means adopted by the consumer, as the lessened volume left in the regular channels logically bears an increased cost.

It is improbable that the consumer cooperative movement will ever comprise the majority of consumers in this country. Consequently the growth of the movement must be expected to increase still further the cost of competitive distribution. The problem, therefore, imposes primarily on business the task of devising a less costly system. This entails a thorough study of the consumer by manufacturer, as well as distributor, and it points to the necessity that the consumer be called into the councils of business in order that all parties may get a better understanding of one another's share in the general problem and of the limitations of each alone to deal with any part of the problem.

Businessmen, in that capacity, all too seldom meet with consumers in their distinct capacity. They seem to be fearful of such contacts, perhaps because of some of their experiences with professional groups of so-called "consumers" or of self-styled consumer advisers. Those few who have ventured into the camp of the "enemy" with open minds and a frank attitude have not found it difficult to reach a common ground for discussion and understanding.

The potentialities of such contacts for necessary mutual understanding and cooperative endeavor have been the motivating force in the organization of the National Consumer Retailer Council. This organization is studying consumer abuses, as well as distributor faults, as contributory to distribution problems. On some such nucleus, manufacturers, distributors, and consumers could construct a very useful agency for the betterment of business in every sense of the word. In fact, the germ of a much-needed national organization properly representative of the economic trinity—producer, distributor, and consumer—is there.

• • • UNIFORMITY — THE ESSENCE OF QUALITY • • •



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Heavy Chemicals

Shipments Continue Heavy Despite Some Slackening in Buying —Manganese Dioxide Higher—Hydrofluoric Acid Lower —Complete Stabilization in Prices for Many Chemicals

Buying of heavy chemicals subsided from the high levels recorded in previous weeks. However, shipments continued to move at a good pace against orders booked previously. Many consumers realized the impossibility of obtaining abnormal quantities, and the policy was quite general in limiting contract withdrawals to normal requirements. Many chemicals were practically booked ahead for the final quarter, and spot quotations in such items were nominal. Sellers continued to use caution in accepting new business. Many substantial export orders have been turned down or have been delayed. Firm prices prevailed in all basic chemicals.

Inquiries reached the market for next year's contracts, but virtually all requests were deferred at this early stage. Chemicals subjected to competitive conditions either by overproduction or imports of foreign materials were undergoing a complete stabilization. Alumina sulphate, sal ammoniac, Glauber's salt, chlorine, alkalies, potash salts, soda sulphide and acetic acid were singled out as deriving the most benefit from the recent change in conditions

Alums.—Shipments of various alums were in fairly good volume last week. Firm prices prevailed for the ammonia, potash, soda, hydrate, sulphate, commercial and iron-free.

Ammonia, Aqua.—Consumers entered the market for sizable quantities; sellers provided only normal contract requirements in cases where abnormal withdrawals were requested. Inquiries reached the market for next year's contract requirements, but no action was taken on such business.

Ammoniac Sal. — Sellers were not able to cope with all demands, but endeavored to supply regular contract consumers. Spot and export business was declined in most instances. Sellers were not equalizing freight with seaboard points as heretofore.

Antimony.—Domestic spot metal advanced 1c. to a nominal basis of 14c. per pound and 13c. to 15c. f.o.b. Laredo, Texas, depending on date of shipment. The ceramic grade of antimony oxide advanced again, ranging from 12c. to 14c. per pound, and the market was nominal. Limited stocks of antimony needle were available at the nominal price of 20c. per pound in kegs.

Barium Salts.—The natural grades were advanced $4 per ton. Prices for the 90-96 percent, car lots, ranged from $45 to $47 per ton, while the 99 percent was $47 to $49 per ton. Quotations were on a works basis. The chlorate was nominal at 19c. per pound, and the nitrate held at 10½c. per pound, nominal. No change occurred in the other derivatives, but the tone of the market was firm.

Bleaching Powder.—Interest in the market continued steady. Good shipments were reported for export. Prices ruled firm.

Blue Vitriol.—Some sellers were sold up on current production, with domestic orders booked well ahead. New export business was turned down. Prices ruled unchanged and firm.

Carbon Tetrachloride. — Shipments against contracts were progressing steadily, sellers were careful in accepting all new business and export inquiries. Prices were firm.

Chlorine.—The pickup in domestic withdrawals combined with an active export demand was beneficial, and furthered strengthened the position of the market. Quotations were well sustained.

Copper.—Domestic price remained at the 12c. per pound level. With most business booked for the final quarter on current production, sellers continue to pursue a reserved policy in accepting new business. Resale prices were about 12¼c. per pound and export around 12c. per pound. Publication of copper statistics by the copper Institute has been discontinued for the duration of the European War.

Copper Salts.—Nominal prices were obtainable for the black and red oxides of copper, ranging from 18c. to 20c. per pound for the red commercial grade and 18½c. to 18¾c. per pound for black material. Nominal prices were unchanged for the carbonate, chloride, cyanide, and nitrate, with orders booked for the balance of the year.

Copperas.—Demand by far exceeded available supplies, and the position of the market was short. Sellers attempted to supply regular consumers' requirements against contracts, and could accept no spot or new business at this time. Prices held unchanged.

Fluorspar. — Domestic market was very firm and demand strong. Quotations were advanced to $31.60 per net ton for the No. 1 ground, 95-98 percent; washed gravel, 85-5 percent, $20 per net ton, and No. 2 lump, 85-5 percent, $20 to $22 per net ton. Above prices are all f.o.b. mines, Rosiclare, Illinois, and Kentucky districts. Limited supplies of imported were available, and the price was nominal at $25 per ton.

Glauber's Salt. — Domestic demand was active, reflecting increased needs and absence of any imported material from Germany. Prices were firm.

Lead Acetate.—Sellers were booked pretty well in advance on current production, and spot and new business was subject to acceptance. No change was reported in the prices.

Manganese Dioxide.—Quotations for the Caucasian and African grades were advanced $10 per ton, effective immediately. The advance on the 85-90 percent Caucasian applys to contracts for the final quarter. There were no spot offerings of this material.

Potash Carbonate.—The market for various grades of domestic material was virtually sold up against existing contract bookings. Spot quotations were nominal, while new business and export inquiries were usually turned down. Delivered prices were not equalized with seaboard points as previously.

Potash, Caustic.—A tight situation prevailed in this direction. Sellers were not able to cope with the demand from all sources, and restricted shipments to normal contract requirements. Equalization of freight with seaboard points was eliminated. Quotations at the works remain unaltered.

Potash Chlorate.—Little or no stocks of imported material were available. Sellers for some weeks had been rationing supplies and were awaiting shipments from abroad to take care of orders booked. Prices were strictly nominal.

Potash Metabisulphite.—Price was 1c. per pound higher at the nominal figure of 16c. per pound. Supplies remain scarce.

Salt.—Spot and contract prices for vacuum common were advanced effective immediately. Quotations in

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, dom., 1c. per lb.
oxide, 1c. per lb.
Barium carbonate, nat., $4 per ton
Copper oxide, black, 2c. per lb.
red, 2c. per lb.
Fluorspar, dom., 95-98 pc., $1.60 per ton
No. 2, lump, 85-5 pc., $2 per ton
Manganese Dioxide, Caucasian, $10 per ton
African, $10 per ton
Potash metabisulphite, 1c. per lb.
Salt, vacuum com., $1.30 per ton
Soda antimoniate, 4½c. per lb.
Strontium carbonate, tech., 4½c. per lb.

Reduced

Acid, hydrofluoric, 1c. per lb.
Tin, Straits, 7c. per lb.
tetrachloride, anhy., 2c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.7	**148.7**	**146.8**	**146.6**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.0	**99.6**	**99.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

bags, car lots, delivered N. Y., was $15.30 per ton, and less car lots, same basis, $16.60 to $19.70 per ton. Demand was heavy.

Saltcake.—Price for imported was nominal, with only scattered supplies available. Demand for domestic was much better in the absence of any sizable imported stocks.

Soda Antimoniate.—The market remained nominal. Some spot business was taken at 16c. to 16½c. per pound, sellers taking care of business booked against contracts as a rule.

Soda Ash.—Shipments continued active in the market last week. Sellers were able to take care of practically all spot and contract withdrawals at present. Inquiry for export was strong, particularly from South and Central American countries. Prices were firm.

Soda Bicarbonate.—Interest in the market remained steady. Shipments moved in good-sized quantities, and export demand improved. Prices were unaltered.

Soda, Caustic.—Sufficient supplies were available to meet the unusual demand, but sellers were cautious in accepting all inquiries. The statistical position of the market was greatly improved, and very little surplus stocks were reported. This was particularly true of the electrolytic material. Export business was brisk. Prices were firm.

Soda Cyanide.—Some consumers entered the market for sizable commitments, although many have already taken substantial quantities previously against contracts. Inquiries for export were beginning to come into the market. Prices remained the same.

Soda Phosphate.—Transactions in the market were steady, with volume tapering off somewhat from the past few weeks. Some export business was consummated, but all sellers were not disposed to ship abroad at this time.

Soda Silicofluoride.—The market remained nominal. Only limited supplies of domestic material were available in the spot market, while imported material was coming on the market in small quantities.

Strontium Salts.—Small offering of technical carbonate were available at the nominal price of 21c. per pound. Limited stocks of chloride were quoted at the nominal figure of 15c. per pound. No change occurred in the nitrate.

Tin Salts.—Anhydrous tetrachloride of tin declined 2c. to 30c. per pound. No price was available for the oxide, crystals and anhydrous stannous chloride. Straits metal declined to 60c. per pound.

Zinc Sulphate.—Demand from contract consumers was steady. Sellers usually limited withdrawals to normal requirements, and were cautious in accepting new business at this time. Prices remained unchanged and firm.

Acids

Transactions in the market for various mineral acids continued active last week. Improvement in several basic consuming industries' operations including textile, metallurgical, automotive and leather broadened commitments in virtually all acids. Consumers were less hesitant in making forward bookings than for some time. The only price change was a reduction in various grades of hydrofluoric acid.

Acetic.—Shipments against contracts continued to move steadily, with increased operations in some consuming lines broadening commitments. Prices were unchanged.

Chromic.—Demand was active from the plating trade and other miscellaneous consuming channels last week. Quotations were unchanged, but the tone of the market was firm.

Formic.—Activity in the textile and leather industries provided the market with good buying support from these principal consumers. Pricewise a firm tone characterized the trading.

Hydrofluoric.—Prices were reduced 1c. per pound for various grades. Quotations for the 30 percent, barrels, ranged from 6c. to 6½c. per pound, and lead carboys, 8c. to 8½c. per pound; 48 percent, lead carboys, 10½c. to 11c. per pound; 52 percent, lead carboys, 11½c. to 12c. per pound, and 60 percent, lead carboys, 14c. to 14½c. per pound.

Muriatic.—Shipments moved against contracts at a good pace. An active export inquiry was also disclosed. Prices were unaltered.

Nitric.—Basic consuming industries were making a steady appearance for fair-sized replacements from time to time. No change was disclosed in the quotations.

Oxalic.—Orders continued to reach the market in better volume than previ-

—Continued on page 30

Paint, Varnish, Lacquer Sales Up

The value of paint, varnish, lacquer and fillers sold in August as reported by 680 establishments to the Bureau of Census, was $34,448,530. Details of sales reported by these establishments and comparative data for 1938 follow:—

		—Classified sales reported by 580 establishments—				Unclassified sales reported by 100 establishments.
	Total sales reported by 680 establishments.	Trade sales of paint, varnish, and lacquer.	Industrial sales			
1939.			Total.	Paint and varnish.	Lacquer.	
January	$25,166,042	$12,496,706	$10,269,334	$6,942,879	$3,326,455	$2,400,002
February	25,399,464	13,145,314	10,019,901	6,777,622	3,242,279	2,234,249
March	32,888,357	17,656,995	12,112,220	8,278,015	3,834,205	3,119,142
April	33,999,205	18,862,040	11,843,829	8,581,577	3,262,252	3,293,336
May	41,853,977	25,436,932	12,578,360	9,259,538	3,318,822	3,838,685
June	38,504,857	22,341,180	12,585,957	9,328,873	3,257,084	3,577,720
July	30,758,617	17,215,946	10,713,443	7,982,902	2,730,541	2,829,228
August	34,448,530	19,046,555	12,153,308	8,842,098	3,311,210	3,248,667
Totals (8 months).	$263,019,049	$146,201,668	$92,276,352	$65,993,504	$26,282,848	$24,541,029
1938.						
January to July	208,911,799	122,110,467	65,740,629	46,713,523	19,027,106	21,060,703
August	30,182,013	17,224,845	9,894,867	6,879,994	3,014,873	3,062,301
Totals (8 months).	$239,093,812	$139,335,312	$75,635,496	$53,593,517	$22,041,979	$24,123,004
September	31,046,584	17,431,211	10,492,087	7,139,367	3,352,720	3,123,286
October	30,007,078	16,128,067	10,985,822	7,343,960	3,641,862	2,893,189
November	26,253,314	13,183,545	10,638,281	6,950,589	3,687,692	2,431,488
December	21,281,326	9,885,307	9,293,043	6,166,468	3,126,575	2,102,976
Totals (year)	$347,682,114	$195,963,442	$117,044,729	$81,193,901	$35,850,828	$34,673,943

Crude Oil Daily Output Up

Daily average gross crude oil production in the United States during the week ended September 23 was 36,681,050 barrels, an increase of 258,700 over the 33,422,350 in the preceding week, according to the American Petroleum Institute. A gain of 232,750 barrels in the daily average production of Texas was the most important change.

Jacobs Joins Peoria Staff To Work on Power Alcohol

P. Burke Jacobs has been appointed senior chemical engineer in the agricultural motor fuels division of the Northern Regional Research Laboratory, Peoria. Mr. Jacobs will be responsible for that part of the work of the division dealing with the production of industrial alcohol from agricultural materials grown or produced in the United States.

Dow Chemical Opens New Unit in Michigan

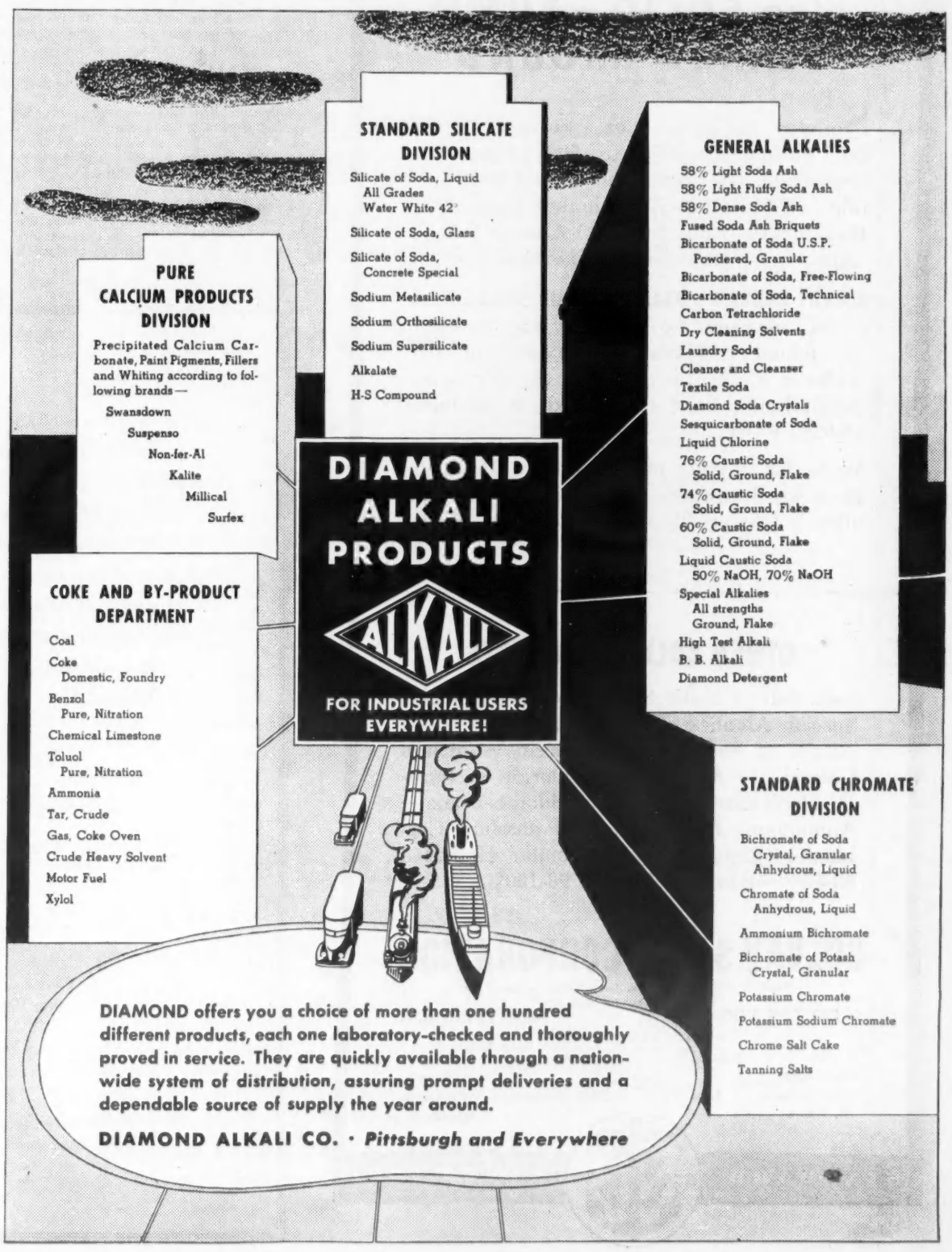
Midland, Mich., Sept. 25, 1939

The Dow Chemical Company's new plant in this city, devoted to the manufacture of "Ethofoil" and "Ethocel" is now in operation. The former material is a clear, glossy sheet used for window packages and display containers for foodstuffs and varied commodities, while the latter is widely used in molding plastics, lacquers and other applications. The basis of these new products is ethylcellulose.

Export Pack Reinforcing Explained in Acme Booklet

To assist exporters in locating devices and methods of reinforcing all types of export packs an informative twenty-four-page booklet has been prepared by the Acme Steel Company, 2840 Archer avenue, Chicago. This booklet describes ways for assuring safe arrival of shipments at foreign destinations and ways to prevent pilferage as well as damage claims. Strapping for bales, stitching wire for cartons, barber box straps for crate corners and recoopering purposes as well as corrugated wood joint fasteners are other Acme products described in the catalog which will be sent by mentioning the REPORTER.

Pittsburgh Chemical Company will construct a warehouse at 3200 East Twenty-sixth street, Los Angeles, to cost $2,300.



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(*Made in U. S. A.*)

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SOLVAY CAUSTIC POTASH, like all Solvay Products, "measures up" in every way to meet the actual performance standards of the trades in which it is used. In the dry forms (solid, lump, flake or ground) it contains 88-92% KOH.

Write for a copy of the Solvay Products Book which contains information on this and other Solvay products. Write to Dept. AG-10.

OTHER SOLVAY PRODUCTS

Soda Ash—Caustic Soda—Modified Sodas—Special Alkalies—Heavy Duty Cleansers—Nitrite of Soda—Liquid Chlorine—Calcium Chloride — Ammonium Chloride — Para-Dichlorobenzene — Ortho-Dichlorobenzene — Ammonium Bicarbonate — Potassium Carbonate (Liquid 47% — Granular Hydrated 83-85%—Dustless Calcined 98-100%).

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New Orleans New York Philadelphia Pittsburgh
St. Louis Syracuse

STANDARD SINCE 1881

Heavy Chemicals

Acids

—*Continued from page* 29

ously. Inquiry for export was much broader.

Sulphuric.—A broader demand from important consuming industries remained in evidence last week. Shipments against contracts have been better than for some months, with activity in some basic industries such as steel expanding to the best levels in two years. Sellers as a rule were providing regular contract consumers, and remain reserved in accepting new business and export inquiries at this time. Prices were firm.

Baltimore, Sept. 27.—Consumption of sulphuric is running ahead of production, with the cost of manufacture advancing, and the market is strong, and with some of the producers reported to be trying to supplement their supplies by purchases elsewhere, but the results of the efforts are stated to be rather discouraging. Prices have been advancing quite steadily, and quotations are generally withheld except on immediate business, with the range arbitrary and adjusted to meet the exigencies of a given situation.

Insecticides

Interest in the market for agricultural insecticides and fungicides continued to subside last week. The heavy consuming period out of the way, transactions were confined to scattered withdrawals in a few sections. A fairly good inquiry for export purposes was still reported, particularly from some South American countries. While the market experienced no specific price changes, the undertone was stronger in some items such as lead arsenate, where higher raw material costs were expected to reflect in firmer quotations.

Calcium Arsenate.—Interest in the market continued to dwindle throughout the week just closed. Some scattered buying was evident, but the season is practically finished in most localities. Prices were unaltered.

Lead Arsenate.—Quiet conditions prevailed in this direction. A firmer undertone existed as far as prices were concerned; the firming up in basic raw material costs eliminated most of the easiness prevalent earlier in the year.

Semet Solvay Plans Plant Improvements at Tonawanda

Buffalo, Sept. 27, 1939

Expansion plans of the Semet Solvay Company plant in Tonawanda were revealed in the submission of applications to the Tonawanda Town Board for building permits totaling nearly $80,000. Work scheduled to be done, according to the applications, includes erection of two liquid storage tanks at $7,000 two gas storage tanks at $61,000 four steel purifier boxes at $9,100 and one gas cooler at $2,800. The additions will result in no great increase in production of coke, but will provide facilities for storing manufactured gas over long periods.

Cage Laboratories, Inc., has been formed in Los Angeles with a capital stock of $100,000.

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BLACK NEEDLE ANTIMONY SULPHIDE
SESQUISULPHIDE OF PHOSPHORUS
AMMONIUM PHOSPHATE (Crystal and Powdered)
PARAFFIN WAX (Yellow and White Crude Scale)
BARIUM CHLORATE
PERCHLORATE OF POTASH
GLYCERINE (High Test)
GLUES

OFFERINGS: Should be submitted with complete information as to analysis, quantities, brand, packing, delivery. On materials now in U. S. quote prices f.o.b. point of origin. On foreign materials, afloat or to be shipped from abroad, quote ex-dock Atlantic or Pacific ports.

QUOTATIONS: Will be submitted, if and when possible, upon receipt of specific inquiries.

TERMS: We are prepared to pay spot cash for all purchases and will expect similar payment on all sales to firms without established rating.

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(Natural) U.S.P. 40° C. Minimum Melting Point is a pure white crystalline product generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.
39° C.M.M.Pt. Technical approximates the U.S.P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopoeia specifications.
82-84 per cent and 90-92 per cent Technical—grades which contain limited amounts of Ortho, Meta and Para Cresols.
CRESOLS
U.S.P. Barrett Cresol U.S.P. not only meets U.S. Pharmacopoeia specifications but contains less than 9 per cent Phenol.
Meta-Para Cresol. Standard grades having boiling ranges of 2° C. 3° C. and 5° C. with Meta Cresol content—57 per cent, 55 per cent and 52 per cent respectively.
Ortho Cresol. Minimum Melting Point 30.4° C.
Meta Cresol. 70-75 per cent and 80-82 per cent, for chemical and synthetic resin manufacturers.
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Special Cresol Fractions, to meet users' specifications.
CRESYLIC ACID
Straw color and dark grades of various distillation ranges, depending on requirements. Special grades for synthetic resin manufacturers.
XYLENOLS
Boiling range 210-225° C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).
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Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.
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America's leading manufacturer of coal-tar products.
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CHEMICALS

Coaltar Chemicals

No Quotable Price for Imported Cresylic Acid and Naphthalene —Toluol Sold Ahead—August Benzol Production Increases By-Product Coking Operations Continue Upward Trend

Coaltar chemicals moved steadily last week. Consumers entered the market for good size withdrawals against contracts. Sellers supplied normal requirements, but were careful in accepting unusually large commitments, new business and export inquiries. Bookings for toluol were made for the entire month's output. Imported cresylic acid and crude naphthalene were not quotable in the absence of any shipments from the continent. Little domestic acid was offered in the spot market, and quotations were strictly nominal. Sellers were taking care of regular consumers in domestic crude naphthalene. Phenol moved in good quantities, and little was offered in the export market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.2	125.2	125.2	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

For the third consecutive month the production of coke in the United States has shown an increase over the preceding month, the total for August amounting to 3,710,168 tons, reaching the highest level since October, 1937, when the output was 4,260,600 tons. Compared with July the August gain amounted to 299,069 tons (8.8 percent); compared with August, 1938, there was an advance of nearly 46 percent. Accumulations for the calendar year to date now stand at 25,718,830 tons, about 29 percent above the same period of 1938, according to the Bureau of Mines.

Output of by-product coke for the 31 days of August was 3,666,068 tons, an increase of 301,269 tons (9.0 percent) when compared with July recovery. The improvement was more pronounced at furnace plants, where the daily rate of operations, reflecting the rise of 12.9 percent at blast-furnace plants, was 11.3 percent higher than the July rate, while at merchant plants a moderate gain of 2.2 percent was made. There were 81 plants making coke during the month, of which 78 made ammonia and 54 made benzol. There was another slight rise in the volume of coke stocked at by-product plants by the end of August, all of which occurred at merchant plants. Furnace plants decreased their stock piles by 3 percent, while merchant plants added nearly 10 percent to inventories. Stocks of coking coal for by-product plants rose to 5,631,984 tons, an advance of more than 24 percent when compared with July, and slightly above the level of August, 1938.

Light oil recovery during August was estimated at 14,805,021 gallons, compared with 13,580,286 gallons in July and 10,284,559 gallons in August, 1938. For the first eight months this year production aggregated approximately 102,196,580 gallons, against 80,022,837 gallons in the corresponding period a year ago. Tar output in August amounted to about 44,881,061 gallons, compared with 41,208,211 gallons in the preceding month and 31,312,515 gallons in the corresponding month a year ago. For the first eight months production totaled 309,805,716 gallons, contrasted with 243,643,417 gallons in the like period a year ago. August production of ammonia liquor (NH_3 content) was about 3,801,000 pounds, against 3,927,000 pounds in July and 3,389,000 pounds in August, 1938. For the first eight months output totaled 29,725,000 pounds, compared with 25,310,000 pounds in the same period a year ago.

Basic Products

Benzol.—Although production continued to record gains over the preceding months and the same period a year ago, shipments moved steadily from production to consuming channels with practically no stocks to speak of. Bookings for account of contract consumers was sufficient to absorb available quantities. The latest statistics reveal August production amounted to approximately 8,797,000 gallons, compared with 8,028,000 gallons in July, an increase of 9.6 percent, and 5,585,000 gallons in August, 1938. For the first eight months this year, output aggregated 59,378,000 gallons, against 42,785,000 gallons in the corresponding period a year ago. There were 81 plants making coke during the month of which 54 made benzol. Prospects of continued gains was enhanced by the sustained increase recorded in steel operations. Last week output was scheduled at 83.8 percent of capacity, against 79.3 percent in the preceding week and 46.7 percent in the corresponding week a year ago. Steel making capacity for the remainder of the year rapidly is being absorbed by the continued heavy flow of orders for finished and semi-finished steel products.

Creosote Oil.—Shipments against contracts were steady last week. Large consumers entered the market for good size commitments from time to time. Prices were well sustained at levels in force for some time.

Cresol.—Demand for various grades was good throughout the past week. Spot stocks were adequate to cope with the demand. No change occurred in the quotations and the tone of the market remained firm.

Cresylic Acid.—The market experienced an active inquiry for domestic material. In the absence of any imported material, many consumers were apprehensive concerning future supplies. Domestic sellers were able to supply needs of regular consumers against existing contracts, but were not disposed to sell in the spot market. As a result spot quotations were strictly nominal, with some material passing at higher levels. It was difficult to say when any sizable imports would arrive from the continent, although material is available, the permit restrictions and shipping problems will have to be overcome.

Naphthalene.—Interest in the domestic market continued active. The absence of any sizable shipments from abroad, prompted many consumers to turn to the domestic market. Imported material, if shipping can be arranged, was offered around $1.95 per 100 pounds, f.a.s. the continent. No change was reported in the prices, although new schedule for refined material was looked for within the near future.

Phenol.—Consumers entered the market for good size quantities last week. While demand was quite broad, the synthetic resin and plastic trade were representative buyers. Prices were firm. Inquiry for export remained good, but actual shipments have not made their appearance to any extent.

Pyridin.—There was little new to report in this direction. Shipments moved direct from production channels to contract consumers. Quotations for the refined and denatured ruled unchanged.

Tar Acid Oils.—A steady to firm price tone prevailed in the market. Spot and contract shipments were moving to various consuming channels at a satisfactory pace.

Toluol. — Stocks of material were negligible. Sellers were booked up on contracts for the entire month based on current production. Delivery was made direct from production channels. No new business was accepted at this time, or any exports of consequences booked. Quotations were unaltered.

Xylol.—Sellers were able to supply spot and contract business. However, stocks of material were not regarded as plentiful. No change was disclosed in the quotations, and the tone of the market held firm.

Chicago Coaltar Bases

A strong market prevails in the coaltar bases, with buyers expressing their needs

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

in substantial orders for such items as benzol, xylol, etc. Supplies have been increasing steadily for some time, along with the higher operating rate of the steel industry, but this has been accompanied by increased takings on contract, etc. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic. — Quotations were unchanged and the tone of the market was firm. A steady interest for moderate quantities prevailed for the refined and technical grades.

Benzoic.—Spot and contract shipments of the technical material were moderately active. Pricewise no new developmnts occurred.

Broenner's.—Usual consumers entered the market for necessary requirements during the past week. No change was disclosed in the prices.

Cleve's.—A firm price tone characterized the trading in the market last week. Demand was along steady lines.

Fumaric.—A good inquiry was uncovered in the market, and major consumers were exerting an active interest. Prices were firm.

Gamma.—Shipments were moving against contracts at a satisfactory pace. Sellers were adhering to quotations in force previously.

Maleic.—A broader buying policy was evident from principal consumers, particularly the plastic and synthetic resin industry. No change was disclosed in the quotations.

Picramic.—No change occurred in the prices, but the market remained firm. Business was steady.

Other Intermediates

Alphanaphylamine. — Consumers entered the market steadily for moderate quantities as a rule. Quotations were without change.

Anilin.—A firm price tone prevailed in the market last week. Spot and contract shipments were moving at a good pace.

Paranitrochlorobenzene.—A good interest prevailed in this direction, with

—Continued on page 34

F.W.D.A. Discusses Drug Trade Relations

—Continued from page 3

of asking for specific data unless armed with a subpena of broader scope.

The first joint session was opened in the forenoon of September 21 by the president, George A. Raab, of the Providence Wholesale Drug Company, with a brief commentary on the blessings of liberty and freedom of thought and action enjoyed in the United States

William D. Barry
New Associate Chairman

in contrast with other countries. He welcomed the assemblage with an expression of appreciation for the sacrifice that attendance represented in these uncertain times. E. T. T. Williams, of Becton Dickinson & Co., chairman of the associate members, also spoke in welcome of the gathering and thanked the active members for the convenience with the N.W.D.A. meeting in the following week.

Delegates from other organizations were received, as follows:—

American Drug Manufacturers Association, Fred F. Rauch.

American Pharmaceutical Association, C. S. Austin.

American Pharmaceutical Manufacturers Association, Fred F. Rauch.

Drug, Chemical and Allied Trades Section of the New York Board of Trade, Ray Schlotterer.

National Association of Retail Druggists, J. P. Jelinck.

National Wholesale Druggists Association, Dr. E. L. Newcomb.

New Jersey Pharmaceutical Association, R. S. Sherwin.

Proprietary Association, Dr. F. J. Cullen.

These delegates were welcomed by Joseph J. Dreyer, with appreciation for the cooperative spirit evidenced by their presence.

Dr. Newcomb asked consideration for the financial needs of pharmacal teaching institutions with the view that these be enabled to continue to supply the need for ever better trained pharmacists. He was supported in this by O. J. Cloughly, of the St. Louis Wholesale Drug Company, and O. W. Osterlund, of the Philadelphia Wholesale Drug Company. Mr. Cloughly acted as secretary of the several joint sessions.

Memorial Service

President Raab spoke with feeling of the loss sustained by the association in the deaths of R. E. Lee Williamson, who had been its secretary from the beginning, and of J. H. Marshall, a former president.

Harry Z. Krupp, a former president, presented a memorial for Mr. Williamson, supplementing his own recognition of the services of the departed secretary with a tribute prepared by W. W. Stephens, of the Drug Trading Company, and one by F. T. Roosa, with whom Mr. Williamson had been closely associated in business. He also read the editorial tribute that had been made by the OIL, PAINT AND DRUG REPORTER at the time of Mr. Williamson's death and the resolutions in his memory which the F.W.D.A. executive committee had adopted.

The memory of Mr. Marshall was honored in a tribute presented by L. E. Seiberlich, a former president of the association, and associated with Mr. Marshall in the Northwestern Drug Company. The assemblage stood while Rev. A. H. Beavins, of the Episcopal Church in Hot Springs, spoke in appreciation of the departed members, painting the service of their lives and their well-merited rest, and holding up the hope of their reunion with their grieved friends.

Taxation

An urgent call upon his hearers and upon all businessmen to give more thought to the mounting burden of taxation and mofe particularly to the reasons for it, was made in an instructive talk by Ernest I. Kilcup, president of the Davol Rubber Company. Although war may change the aspects of taxation over night, he said, it is highly desirable that their real significance be kept continuously in mind and that the attitude toward taxes be not limited to growling at the time they must be paid.

Mr. Kilcup showed charted data indicative of the fluctuations of the national income since 1926 and comparing the steadily increasing proportion that was exacted in taxes in that year and in 1929, 1930, 1933, and 1938. He presented with still greater emphasis the more rapidly increasing burden of public debt, reaching in 1938 a per capita total in Federal debt alone of $308, compared with $168.50 in 1926, and a gross public debt in all political divisions of $460 per capita.

His endpoint figures on the proportion of tax collections to national income were 11.7 percent in 1926 and 21.4 percent in 1938. To the task of knowing why this increase had been effected and what was being done with the money, Mr. Kilcup urged businessmen to devote their full endeavor. He advised them further to make known far and wide in their communities the truth about the vastness of the tax burden, the share that every man must bear, and the reasons why taxes have so enormously increased.

He had no agreement with those who hold that business had failed to do its part in the efforts to maintain employment, and declared that yeoman service had been performed by business through the 1929-33 period of no net

—Continued on page 34

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KOPPERS COMPANY. PITTSBURGH, PA.

Coaltar Chemicals

Other Intermediates

—*Continued from page 33*

most of the business representing replacements against existing contracts. Prices were firm.

Phthalic Anhydride.—Volume of business from major consuming channels showed improvement, especially the synthetic resin and plastic trade. Prices were without change.

Thicarbanilide.—Demand was steady for moderate quantities last week. Prices were unchanged and the tone of the market was firm.

Xylidin, Mixed.—No change was uncovered in the quotations and the market was firm. Demand was moderately active.

Coaltar Colors

Buying of various coaltar colors continued to reflect improved needs of consumers last week. Excessive forward buying was discouraged by most sellers, although there was a tendency on the part of consumers to replenish inventories. The cessation or limited shipments of imported dyes, reflected to some extent in the domestic market. Many export inquiries continue to reach the market from countries formerly supplied by Germany. No change occurred in the quotations, but the tone of the market was very firm. The Department of Agriculture has amended its regulations for the certification of coaltar colors. This action makes 113 colors available for certification, affording the cosmetic industry an adequate list of coaltar colors for every purpose, it was stated. Certificates have been issued for nearly 600 batches of coaltar colors and mixture since the promulgation on May 4 of the first regulations for certification of coaltar colors.

Republic Steel to Spend $3,000,000 on Expansion

The Republic Steel Corporation has made appropriations totaling more than $3,000,000 for a program of expansion and improvement of plant facilities and replacement of old equipment.

Calco Advises Keeping Orders to Actual Needs

In common with other manufacturers of dyestuffs and related chemicals, the Calco Chemical Company, Bound Brook, N. J., a division of the American Cyanamid Company, reports a recent rush of orders reminiscent of the exciting days of 1914 and 1915. This they view as a symptom of "war jitters" which is unjustified in the light of today's conditions. The company is employing both special bulletins and paid advertising to emphasize the vast difference between the situation then and now as regards the ability of American manufacturers to supply the country's full requirements for dyes and chemicals.

In 1914, it is recalled, approximately 90 percent of the country's requirements were supplied by foreign sources. Since then, they point out, Calco has grown from an insignificant standing start to the point where they are now one of the country's largest producers of dyes, intermediates and related chemicals. Their production has not only increased tremendously in volume, but has become impressively diversified as well. They add that the progress of many other domestic companies has paralleled that of Calco, bringing present normal capacity to well over 90 percent of the country's entire needs.

From this they reason that there is every likelihood that American firms can supply virtually every domestic requirement for dyes and chemicals—not only in quantity but in quality as well. They are therefore urging that orders be kept in pace with actual needs—both as a means of minimizing the spread of "war jitters," and as an aid in keeping manufacturing schedules at efficient, economical levels. They add a further assurance that not only do they see no danger of a general shortage similar to that of 1914, but that they are taking every means to assure users of protection in keeping prices within reasonable levels. In the event that unforeseen circumstances make such a course necessary, they indicate that preference in the filling of orders will be accorded to present customers.

F.W.D.A. Discusses Drug Trade Relations

—*Continued from page 33*

income and a deficit of $24,000,000. He pointed out the need that the national income—the earnings from business—must be in excess of the outgo or there can be no savings available for investment. It was his feeling that, although Congress might provide a way for some war business, this would be but a temporarily effective stimulant; it would be paralleled with heavier taxation; and it would leave an unbearable burden when the reaction set in.

In his urging of thorough study of taxation, Mr. Kilcup said that in a fundamental economic sense far more

E. T. T. Williams
Retiring Associate Chairman

was to be gained by knowing this subject and spreading consciousness of it than by attempting to solve problems of distribution by law. He asked that tax consciousness be developed with the knowledge that the power to tax is a power to control and that increasing taxation inevitably meant increased governmental control, a tendency much aggravated by emergent conditions. He declared that the measure of deserved American citizenship was that of the development of consciousness of the use to which the revenue from burdensome taxation is put.

E. T. T. Williams urged that all actually do something about the tax problem when they got back home. At the request of J. W. Kane, of the Iodent company, steps were taken to have prints of Mr. Kilcup's address made available to all members of the association for study and information. Further appreciation of the value of Mr. Kilcup's talk was shown in a vote of thanks.

Manufacturer-Retailer Relations

Because manufacturers must logically be interested in maintaing the distribution service afforded by some thirty-odd thousand individual retail druggists, they should give more attention and effort to the development of point-of-sale promotion, said Keith Keller, Minneapolis retail druggist, in an address on "Relations of Manufacturers and Retail Druggists." Mr. Keller cited the inevitable result of centralization of retailing—the demand for excessive profit margins—as a fundamental reason why manufacturers should endeavor better to satisfy their "independent" distributors.

Retailers, said Mr. Keller, must become better informed of changed and changing methods of distribution, and manufacturers should know these things and educate retailers to an understanding and application thereof. He enumerated the changes that had come in drug retailing by the successive entrance into this field of department stores, chain stores, "pine board" stores, supermarkets, syndicate variety stores, and syndicate groceries. With the first three, he said, the individual retailer had learned to cope fairly well. The second three were still a problem, brought about in part by the increase in aggressive merchandising practice by "independents," which had made large chains of drug stores unprofitable and brought about curtailment of the number of units.

Mr. Keller considered the supermarkets and the variety stores very good in their merchandising system, chiefly because of the appeal of their displaying of goods to large numbers of potential buyers. He asked that manufacturers extend more largely to the smaller stores their assistance in prices, instruction, and other ways. These stores, he said, can supply a sales element that manufacturers have failed to develop adequately, and through practicable cooperation should be enabled to move their goods more rapidly and with better profits. Cultivation and intelligent cooperation with the small stores would well repay manufacturers, he declared.

Value of Distributor Service

Mr. Keller commented on the popular statement of manufacturers that by their national advertising they brought customers into a store. He arrayed against this the effectiveness of retailers' advertising, store appeal, personality, and various services for his neighborhood, and said that more than ten out of a dozen druggist-made customers do not ask for nationally advertised articles. The druggist, under properly developed cooperation, can turn his own-make customers to acceptance of a manufacturer's products, Mr. Keller said, declaring that point-of-sale is the least costly location for efforts to attract buyers.

His survey of the lines along which point-of-sale attraction could best be developed included more intelligent selling through practical instruction and more care in the selection of promotive material; the use of open display of friendly advertised merchandise to stimulate impulse buying; well-lighted, well-planned window displays designed to make complement sales and not only to sell one article; well-planned concentration sales drives, for which complete information and good display material have been furnished, with quotas and incentives so that sales-people will ask customers to buy.

Mr. Keller's plan included also the intelligent use of gadgets, or premiums, which he had found to be a strongly influential method; a study of toothpaste buyers showed that only one out of four repeated on a given brand, the rest being influenced by accompanying gadgets; and only one out of three

—*Continued on page 36*

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has these exclusive features which increase your production, cut processing costs and assure you a better product

Here is a Benzol free from injurious corrosive compounds — that will keep your stills running on a continuous maximum production basis — with fewer shut-downs for cleaning.

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You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol — always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed — Freezing Point 5.30° C — Boiling Range, less than 1° C — Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

JONES & LAUGHLIN STEEL CORPORATION
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Preferred in coatings because of
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- Higher flash point
- Freedom from gummy residue
- More even evaporation rate

Guaranteeing these results
- Increased safety in manufacture
- Superior leveling and better adhesion
- Fewer complaints caused by separation of vehicle solids at low temperatures

391 *Sample requests and inquiries welcomed*

THE NEVILLE COMPANY
PITTSBURGH • PA.

Dyestuffs, Textile and Leather Chemicals

Corn Derivatives Lower — Antimony Salts Sharply Advanced —Zinc Dust Firmer — Turmeric Scarce and Much Higher —Shipments of Tanning Materials Expected Soon

Demand for dyestuffs, textile and leather chemicals was more normal last week. Many consumers have stocked up during the past few weeks, and commitments in most instances were more moderate. A good inquiry, however, still existed for materials that were scarce and shipments cut off or delayed. Sellers hope to quote some definite prices for raw tanning materials shortly, with progress reported in obtaining cargo space. Fluctuations in sizing materials were not so numerous

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony salts, 12c. per lb.
Turmeric, Alleppey, 1½c. per lb.
Madras, 2c. per lb.
Zinc dust, ¼c. per lb.

Reduced

Corn sugar, tanners, 10c. per 100 lbs.
Dextrin, corn, 10c. per 100 lbs.
Starch, corn, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.1	**148.3**	**134.4**	**152.1**

Market news that may have developed after this report was sent to press will be found on page 4.

and confined to lower prices for corn derivatives. Demand for bichromates was quite heavy, and orders were well booked ahead.

Prices were sharply higher for antimony salts, and quotations were strictly nominal. Stocks of material were rather limited. No definite prices were obtainable for various sulphonated oils, rapid fluctuations in the basic commodities, prevented sellers from determining replacement costs. Zinc dust moved higher again in conformity with the firmer prices for the basic metal. Turmeric was scarce and the Alleppey and Madras were strictly nominal at higher levels. Egg products were unchanged, but imported stocks were light. Offerings of gambier were negligible, and quotations were withdrawn.

Chemicals

Alumina Acetate.—Firm prices prevailed for various grades of material. Demand was steady.

Alumina Chloride.—No change occurred in the crystal and solution material. Interest in the market was active.

Antimony Salts.—Limited stocks were available and a nominal price of 38c. per pound was quoted.

Potash Bichromate.—The market was pretty well sold up against current contracts. Export inquiry was good. Prices ruled unchanged.

Potash Prussiate.—No quotation was obtainable for the red material. Prices for the yellow remain firm at the basis established recently. Demand was steady.

Soda Bichromate. — Sellers were booked far ahead, and were limiting new business and export shipments. Prices were without alteration.

Soda Prussiate.—Consumers entered the market for fair size quantities last week. Pricewise a firm tone governed the dealings.

Sulphonated Oils.—Prices were strictly nominal. Sellers were unable to quote, except on a day to day basis, depending on replacement costs.

Zinc Dust. — Prices were ¼c. per pound higher, ranging from 8½c. to 9c. per pound, according to quantity. The advance followed the higher prices for the basic metal. Business was steady.

Dyestuffs

Annatto.—Quotations were firm, and sellers were supplying usual consumers at previous prices.

Archil.—An active inquiry prevailed in the market, and shipments were made promptly against stocks on hand. Prices were unaltered.

Cochineal.—A good interest prevailed in the market. Prices were without change.

Fustic.—Sellers were adhering to quotations in force previously. Spot and contract withdrawals were active.

Logwood.—Transactions in the market were along broad lines. No change occurred in the prices, and the tone of the market was firm.

Madder Dutch.—The market experienced no change, sellers were adhering to quotations in force previously, and demand was about fair.

Turmeric.—Quotations were nominal and higher, the Alleppey was quoted at 9½c. per pound and the Madres 11c. per pound. Stocks were limited.

Sizing Materials

Albumen Blood.—Quotations were maintained at the levels recorded a few weeks ago. Demand continued to absorb available quantities.

Albumen Egg.—No change occurred in domestic prices, while little imported material was available. Demand slackened somewhat last week.

Corn Sugar.—Quotations for various grades of tanners sugar declined 10c. per 100 pounds, reflecting the decline in the basic commodity. Demand was moderately active.

Dextrin.—Prices were revised downward 10c. per 100 pounds in sympathy with the lower corn prices. Domestic shipments were active, although demand slackened. Inquiry for export was heavy.

Egg Yolk.—No change occurred in the domestic and imported prices. The market was firm, and demand fairly steady.

Starch. — Various grades of corn starch were lowered 10c. per 100 pounds, conforming with the lower commodity price. Bookings were heavy in the domestic market, and exports were also active.

Sago Flour.—The market was nominal, but quotations failed to undergo any further advance. Interest in the market was steady.

Tapioca Flour.—Quotations were unchanged and nominal. Some tapering off in demand from the high levels was discernible.

Tanning Materials

Chestnut Bark. — Shipments were moving at a good pace throughout the past week. Quotations underwent no further change, but the market remained firm.

Cutch.—The market was strictly nominal, and sellers were not mentioning any specific price at this time.

Gambier.—Quotations were withdrawn for the common, plantation and Singapore cubes. Material was scarce and spot stocks negligible.

Mangrove.—No prices were obtainable as yet for the fibrous and non-fibrous material.

Myrobalans. — Nominal prices were still in effect, sellers awaiting cargoes and shipping costs before mentioning any definite price.

Quebracho.—Quotations remain temporarily withdrawn until replacement costs among other factors can be worked out.

Sumac.—The market was nominal. There were no spot stocks, and sellers were awaiting shipments from abroad.

Valonia.—In the absence of any definite information regarding future shipments, sellers were quoting nominal prices until the situation becomes clarified.

Wattle Bark.—Sellers were not inclined to name any quotations last week. Prices were strictly nominal, and subject to future shipping and replacement costs.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

N.W.D.A. to Analyze Distribution Factors

—Continued from page 3

such areas run only about one-half the money spent by the families of the communities. He advised that consumers be influenced where they live, rather than where they buy. Hugh Craig, of the OIL, PAINT AND DRUG REPORTER, presented a concise picture of the value of the trade press in developing satisfied distributors for satisfactory distribution.

Interest in the educational aspects of pharmacy also was manifested, and Dr. Robert L. Swain, of *Drug Topics*, told of the progressive serviceability of colleges of pharmacy in a plea for their support.

Better information on wholesalers' functioning in selling was given attention, along with a comprehensive study of operating costs. In line with this interest the association changed the name of its committee on salesmen and selling methods to committee on sales management. The committee on employment and welfare was renamed the committee on employer-employee relations. The value of scientific research in selling was pointed out by Dr. E. L. Newcomb, executive vice-president of the association, who also discussed the wisdom and necessity of wholesalers interesting themselves in the further promotion of pharmacal education.

The association asked the Interstate Commerce Commission to rescind its two recent rulings requiring forwarders of merchandise to discontinue their present system of fees. Chairman R. E. Freer of the Federal Trade Commission reviewed the activities of that body under the authority conferred by the Wheeler-Lea act in respect of deceptive advertising and other practices. Various aspects of the new food, drug, and cosmetic law came in for consideration in connection with the association's activity. The headquarters staff is making a study of wholesalers' labeling of bulk drugs under the new law, and is expected to present an advisory report in the near future.

The association elected the following as its officers for the ensuing year:—

President, George V. Doerr, vice-president and director of McKesson & Robbins, Inc., Minneapolis.

Vice-presidents, E. S. Albers, of the Albers Drug Company, Knoxville, Tenn.; S. H. Colvin, of McKesson & Robbins, New Orleans; E. C. Scott, of the Southwestern Drug Corporation, Fort Worth, Texas; A. J. Gignoux, of McKesson & Robbins, Honolulu, Hawaii; A. P. Cook, of Cook, Everett & Pennell, Portland, Me.

Members of the board of control for three years, L. I. Fitschen, of the Alexander Drug Company, Oklahoma City, Okla.; R. L. Hanson, of Charles Leich & Co., Evansville, Ind.; George Van Gorder, of McKesson & Robbins, Boston; C. D. Smith, of the Smith-Faus Drug Company, Salt Lake City, Utah.

The convention was heavily attended, the official registration list comprising 830 names. The entertainment side was lavish. The weather was fine. And the general satisfaction was such that the association voted to return here, its recently customary meeting place, for its 1940 meeting.

A comprehensive account of the business proceedings and the entertainment activities of the convention will be printed in next week's Reporter.

DuCommun Elected Head Of Golden Gate Paint Club

The Golden Gate Paint, Varnish and Lacquer Association elected to its presidency L. M. DuCommun, of the Pacific Paint & Varnish Company, at a meeting in the Palace hotel, September 22. Other officers elected were:—Vice-president, R. D. Sullivan, of the General Paint Corporation, and secretary-treasurer, Paul W. Wood.

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PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

F.W.D.A. Discusses Drug Trade Relations

—Continued from page 34

buyers of hand lotions had repeated on a brand. He urged well-planned, consistent advertising and in-the-store promotion by the retailer, and said that the surest method in this is the creation of a fair price atmosphere for customers.

Cooperative advertising, he held, needs consumer pull and should be complemented; for this purpose he considered gadget coupons great boosters of advertising efficacy. He pointed out that, against $21,000,000 spent by manufacturers for advertising in 1938, retailers had spent $10,000,000—and two-thirds of this, he said, was devoted to the promotion of manufacturer's branded goods.

Controlled, or agency lines, Mr. Keller said, placed a handicap on nationally advertised brands. He had found two out of three buyers repeating on a controlled toothpaste—because it alone had been pushed and in some instances was the only one sold. But, sellers of controlled brands, he argued, meet the desires of but 50 percent of their potential customers. He urged manufacturers of national brands to do as good a job as the controlled brands houses do in teaching retailers how to sell their goods. Under the one-sided push now prevailing, the retailer falls short of being a good merchandiser.

National advertising, not complemented by retailer cooperation, turns readers to mail-order catalogs—and to the buying of the own-brand articles of these houses, because their catalogs present a sales appeal for these which is better than that in national advertising.

The responsibility of making the retailer a better distributor lies with the manufacturer, Mr. Keller said—and the wholesaler has a part of it because the retailer is also his distributor. Both neglect this aspect, he declared, and do not give appropriate thought to the applying of a part of their sales-promotion budget to point-of-sale efforts.

He also urged manufacturers to keep in step with the retailer-education work being done by trade journals, and said that manufacturers would profit well by making proper use of trade journals especially as a medium of disseminating education toward better selling.

Importance of Volume

Mr. Keller emphasized the necessity and the wisdom of telling retailers how to increase the volume of their sales without increasing their overhead; how to make use of their slack time in selling; how to get more people into the store; to pay less attention to unit profits and more to aggregate earnings. Druggists, contrary to a popular belief, do want to increase the volume of their business. Their trouble is that they do not know how to do this. Manufacturers would find it well worth while to tell them, Mr. Keller said.

He related his experience as chairman of the merchandising section of his State pharmaceutical association in having men who knew their subjects address regional meetings of retailers on various aspects of better selling. The small dealer, he said, is open-minded, and desires to be told by manufacturers at least as much as he desires to listen to those who harangue him about inadequate profits.

This was said in reply to a manufacturer's deprecation of the popular idea of "33 1/3 percent or bust." It was Mr. Keller's opinion that manufacturers could present better, more logical ideas, and that these would be accepted by retailers.

He showed a number of charts of the changes in his sales between 1935 and 1939. He had trebled his business, and consequently increased his earnings; although his gross profit had been reduced from 34.2 percent to 30.9 percent, his net had dropped only to 10.1 percent from 10.9 percent. On proprietary drugs and cosmetics his gross dropped from 31.8 percent in 1931 to 25 percent in 1939 and his net was down from 6.8 percent to 5.75 percent. He made the point that his returns on the greatly increased business were much larger at present.

Ten-Cent Sizes

A manufacturer asked Mr. Keller for his views on the selling of 10-cent sizes in drug stores. Mr. Keller was in favor of this, if the selling was comparable with that of the dime stores and only nationally advertised goods were put on the display tables. He said that the sale of 10-cent sizes does not affect the sale of larger sizes, but rather makes customers of those who cannot readily pay more.

Selling 10-cent sizes, he told another inquirer, does not call for the employment of cheap help. These goods are bought, he continued, on impulse and require no salesman. He was inclined to the view that he could well trade his trained sales staff for efficient display a la the supermarkets. The success of 10-cent selling depends on the volume of store traffic, but he felt that it would come in any store if the goods were properly displayed, because this would increase the traffic.

Some question arose about the advertising of 10-cent articles in popular magazines which directed the reader to the dime store and did not mention the drug store. Elias Shaker pointed out that this advertising, practically all in "light" magazines, was confined to exclusive dime-store articles and was not used for the 10-cent sizes of articles offered also in larger sizes. O. J. Cloughly related the successful venture of a retailer of his acquaintance in the 10-cent field.

Mr. Keller was enthusiastically thanked for his instructive presentation, and it was the unanimous expression that a similar presentation of the retail field be arranged for next year's meeting.

Election of Officers

The association did not elect a secretary to fill the vacancy created by the death of R. E. Lee Williamson, but referred the selection of this official to the incoming executive committee on the motion of Harry Z. Krupp, chairman of the nominating committee.

The other nominees were unanimously endorsed. The full list of officers is given on page 3.

Unanimous endorsement was given also by the associate members to the nominees for their group, presented by Earl A. Means. These officers are also listed on page 3.

The retiring president, George A. Raab, voicing deep appreciation of the friendly cooperation and valuable assistance that he had had from the members during his tenure of office, asked G. T. Helgren, president of the Ellicott Drug Company, Buffalo, to install the president-elect, S. C. James, who is general manager for that company. Mr. James took office as a "reconstructed retailer" who "believed implicitly in the cooperative idea."

The convention was the best attended gathering of the association. It was also so well enjoyed, in the innovation of being outside a large city, that in all probability the 1940 meeting will be held in Hot Springs.

(To be continued)

Herman Meyer Forms Drug Co.

Herman Meyer, actively engaged in exporting and importing pharmaceuticals for many years, with offices in 17 State street, this city, has formed the Herman Meyer Drug Company, Inc., and the Helion Chemicals Corporation. The business of the Herman Meyer Drug Company will be concerned with specializing in the importation and distribution of hormones, vitamins, and medicinal raw materials. The Helion organization will handle the export and American business in industrial chemicals.

Federal Mining & Smelting Company stockholders have been asked to approve a five-for-one split of the common stock at a special meeting October 16.

362 ALBALITH

DESIGNED TO INCREASE HIDING POWER ON DRYING—ECONOMICALLY

These new, high consistency lithopones are especially suited to flat formulations, because of their particular ability to develop more hiding in the dry film. They offer interesting possibilities from the economy standpoint, also.

Being of the non-reactive type, the paint body they produce is not due to any chemical reaction with the vehicles, but rather to their high oil taking properties.

Albalith 362 is the all-purpose pigment possessing many desirable properties for both flat and gloss paints. Albalith 361 produces flatter flats.

Send for samples and formulating information.

THE NEW JERSEY ZINC CO.
160 Front St. New York

361 ALBALITH

Paint, Varnish, Lacquer Materials

Market More Normal as Fall Painting Season Causes Heavy Demand—Zinc Advanced Due to Increase of Unfilled Orders—Rosin and Turpentine Steady

Conditions surrounding the market for raw paint materials seemed to be a bit steadier and more settled last week. Following two weeks of hectic buying, sharp price advances, covering for future needs, and other repercussions from the war, most materials seemed to be on a more normal level during the period under review. The demand in general was still good but it was due to the needs for the Fall painting season rather than a "war-scare" demand. Price advances continued to be made but they were neither as sharp nor as impulsive as heretofore, but rather were carefully based on increasing costs. Slab zinc was the most important advance. Other price boosts were antimony white pigment, bronze powders, copal, dammar and elemi gums and soybean protein.

Southern and local markets for rosin and turpentine had a steady or firm tone, changes in quotations being within narrow limits. New business was quieter, buyers being inclined in some cases to curtail purchases for a time, but there was a steady movement to consumers and dealers on contracts previously placed.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony, white pigment, ½c. per lb., f.o.b. Texas.
Bronze powders, 10c. to 15c. per lb.
Gum, copal, c.l., ½c. to 7¾c. per lb.
dammar, Batavia, c.l., ⅜c. to ½c. per lb.
elemi, c.l., 2⅞c. per lb.
Rosin oil, 2c. per gal.
Soybean protein, 2c. per lb.

Reduced

Rosin, gum, medium grades, 5c. to 15c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

In the wake of a tight situation in zinc in which unfilled orders have risen sharply from earlier in September, producers last Wednesday increased the price of the metal 25 points. Pig lead was firm and unchanged at the quoted price and orders were heavy in the market. A result of the strength of lead and zinc since the outbreak of the war has been higher wages for employees in mines and the reopening of many mines that had been closed due to lack of profitable operations.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from September 23 to September 29, inclusive, were as follows:—

	Pigs — Per pound — New York.	Pigs — Per pound — E. St. Louis.	Spot. London. Per ton £ s. d.
Saturday	$0.0550@.0555	$0.0535	..* ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wednesday	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from September 23 to September 29, inclusive, were as follows:—

	Slabs — Per pound — New York.	Slabs — Per pound — E. St. Louis.	Spot. London. Per ton £ s. d.
Saturday	$0.0665	$0.0625	..* .. ..
Monday	.0665	.0625	.. .. ..
Tuesday	.0665	.0625	.. .. ..
Wednesday	.0690	.0650	.. .. ..
Thursday	.0690	.0650	.. .. ..
Friday	.0690	.0650	.. .. ..

* London exchange closed.

Pigments

Antimony, White. — The price advanced again last week to a range of 12½c. to 15½c. per pound, f.o.b. Texas. This was ½c. higher than the last quotation and was strictly nominal.

Litharge. — Demand held well and quotations were firm.

Lithopone. — Sales volume again picked up last week, adding further firmness to the quoted price.

Orange Mineral. — A better demand for immediate delivery appeared in the market. The price was steady and unchanged.

Red Lead.—Consumers were still very active, but the demand was believed due to immediate needs rather than speculation.

Titanium Pigments.—These ingredients continued to be a leader in the division. Demand during the period under review continued heavy. Prices were firm.

White Lead.—Sellers of white lead-in-oil made the expected ½c. per pound advance last week. Demand was good at the higher figure. Barrel prices of other grades were unchanged.

Zinc Oxides.—These pigments continued to be among the leaders in the division in regard to sales volume. Demand last week continued heavy at unchanged prices.

Fillers and Extenders

Barytes.—Domestic material remained in satisfactory demand with the price firm. There were small stocks of imported products available, but offerings were limited. Prices were strictly nominal.

Bentonite.—Stocks were moving into consumption in good volume. The price was firm.

China Clay.—Conditions surrounding the market were favorable and unchanged.

Gypsum.—Demand held well and was normal for this time of year. The price was steady for all grades.

Rottenstone.—Consumers were active and shipments regular. The price was firm and unchanged.

Talc.—Imported supplies were low and prices nominal. Domestic material was in good demand.

Tripoli. — The market held the strength of the previous week and the price firmed.

Varnish Gums

Copals.—A total of 35 types of gum were advanced last week. The advances ranged from ½c. to 7¾c. per pound and embraced the congo gum group exclusively. Stocks were scarce and all prices were nominal.

Dammars.—Four types of Batavia gum were advanced, the increases ranging from ⅜c. to ½c. per pound. Prices were nominal.

Elemi.—The quotation on this gum was 13c. per pound, 2⅞c. per pound higher. This price was strictly nominal.

Synthetic Resins

The demand for ester gum continued to be satisfactory during the period under review. Major suppliers held the price unchanged at 6¼c. to 6¾c. per pound in the New York area.

Lacquer Materials

An active interest prevailed in the market for most lacquer materials and solvents last week. Most consumers broadened commitments to cope with increased requirements, but sellers were cautious in permitting any abnormal buying. New business was carefully checked to guard against any speculative purchases. While the entire price structure was firmer, the market was without any specific changes. A good export inquiry continued to prevail in many items.

Acetone.—Interest in the market remained active last week. Good size domestic shipments were made, while

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

LAMP CARBON BONE **BLACKS** LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Have You a DRYING PROBLEM?

SOLIDS·LIQUIDS·GASES·SOLIDS·LIQUIDS·GASES·SOLIDS
DRIERITE
is Drying . . .

AIR	SULFUR DIOXIDE	ETHER
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CARBON DIOXIDE	ESTERS	FORMIC ACID

Drierite is "The Versatile Dessicant" that may be the answer to your problem. *Write for Bulletin*
W. A. HAMMOND DRIERITE COMPANY
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Bronze Powders

For those products which require mixing on the spot to produce the best results in application, Continental has developed a special double compartment can in a variety of sizes to contain a liquid and powder in one compact unit.

Perhaps you have a product which can be more effectively packaged in this manner. May we show you samples.

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ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for thirty years by
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VARNISHES FOR THE PRINTING INK MAKER, PRINTER AND LITHOGRAPHER
H-D LINSEED VARNISHES—all numbers
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PAINT THE TOWN... with PROFIT!
YOU can point your way to new and growing profits by being among the first to modernize your paint. Do this by masking its objectionable odor. Our PAINT DEODORANT No. 5 enables you to accomplish this effectively at negligible cost—1 lb. of "No. 5" to 350 gallons of the average paint for complete coverage. Write for further details.
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BRANCH STOCKS
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FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

For tinted exterior paints in grays and buffs you will obtain the best results with
RAYTINT
We will gladly furnish samples and information
●
R. T. VANDERBILT CO · INC
230 Park Avenue · New York City

inquiry for export was brisk. Pricewise a firm tone prevailed.

Amyl Acetate.—No change occurred in the prices, but a strong tone prevailed in the market. Business continued steady.

Butyl, Alcohol.—Spot and contract withdrawals were made at a good pace throughout the past week. Quotations were unchanged.

Cellulose Acetate.—Consumers entered the market for fair size quantities last week. Pricewise a steady to firm tone governed the transactions.

Ethyl Acetate.—A steady to firm price tone remained in evidence. Shipments were moving to most consuming channels at a better pace.

Methylethyl Ketone. — Good size withdrawals were reported from time to time. Quotations were maintained at previous levels.

Dry Colors

Bone Black.—The market continued in a steady groove in view of a normal demand. The price was firm.

Carbon Black. — Tire manufacturers continued to call for a good volume of this color. Pricewise, the market was unchanged.

Cadmium Lithopone.—The Fall painting season continued to create a favorable market for this color. No price change was made.

Carmine.—Demand for No. 40 material was well maintained and the price was steady.

Chrome Yellow.—Seasonal pickup in demand was in evidence here. The price was firm.

Iron Oxides.—Natural and synthetic iron oxides remained in good demand at unchanged quotations.

Lake Red C.—Inquiry for future delivery of this toner continued to improve. Offerings were at the same price level.

Mercuric Oxides.—Both the red and the yellow materials were held at the higher levels attained two weeks ago. Sales were limited at $2.41 for the technical red, and $2.26 for the yellow.

Ocher.—A satisfactory sales volume was reported during the period under review.

Ultramarine. — Material shipped on contract continued to be sent out in an even fashion. The price was firm.

Vermilion.—Despite the strength of the quicksilver market, major suppliers of English vermilion held the price at $2.88 to $2.97 per pound. Sales were limited and restricted.

Bronze Powders

Aluminum powders and paste were moving into consumption at a good rate and prices were firm for all grades. A major supplier of bronze powder has advanced quotations of various grades of the gold material 10c. to 15c. per pound.

Driers

Stearate and palmitate prices were very strong coupled with the advances made by major suppliers on contract during the previous two weeks. Demand was good.

Naval Stores

Southern and local markets for rosin and turpentine were fairly active last week, although demand showed some tapering off as compared with the previous period, consumers and dealers being disposed to curtail purchasing operations after the recent sharp advances in prices and await further developments in the situation. Uncertainty as to proposed neutrality legislation at Washington also had a tendency to restrict purchasing to some extent, and the same was apparently true of a reactionary tendency at times in the markets for speculative commodities. The slowing down of new business was regarded by some as likely to prove of short duration, however, and in the meantime the movement to consumers and dealers on contracts previously placed apparently held up well.

The tone of southern markets remained steady or firm, and changes in quotations were narrow. Offerings from day to day were generally light, with scarcity still noted of the lower and some of the medium grades of rosin, and the impression existed in some circles that there was no prospect of any material change in the situation in this respect during the remainder of the season at least so far as the dark descriptions were concerned. Interest in the outlook for the next crop was stimulated by the meeting of producers held at Jacksonville early in the week for the purpose of taking action on the conservation and loan program for the coming season. Receipts of rosin and turpentine at the three principal markets in the South for the first five months of the current season showed such a sharp falling off as compared with the previous season that there was a tendency in some quarters to increase estimates of the curtailment of production this year.

CCC Loan Holdings

The following table shows the stocks of rosin and turpentine held September 22 by the CCC under loans on the 1938-39 crop:—

	Rosin—Barrels.	Rosin—Drums.	Turpentine, Barrels.
Savannah	150,900	20,193	.....
Jacksonville ..	199,389	3,677	22,399
Brunswick	101,895	7,679	*802
Mobile	21,813	13,151	.....
Pensacola	31,699	1,762	.....
Valdosta	129,960	6,773	20,146

* 1934-35 loan.

Turpentine.—The local market for turpentine was fairly active last week though there was less snap to the dealings than in the previous period, some consumers and dealers being inclined to curtail purchases pending further developments. Southern markets had a steady or firm tone and variations in local quotations were narrow.

SAVANNAH, Sept. 29.—The turpentine market had a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—Stocks.
*Saturday...	..	...	...	...	.....
Monday ...	27⅝	236	253	213	27,460
Tuesday ...	27½	219	546	470	27,536
Wednesday..	27½	79	497	79	27,877
Thursday ..	27½	63	683	502	28,058
Friday	27½	40	473	50	28,481

* No trading.

JACKSONVILLE, Sept. 29.—Turpentine was fairly active. Following is a record of the market for the week:—

	Cents per gal.	Barrels—Sales.	Barrels—Receipts.	Barrels—Shipments.	Barrels—Stocks.
*Saturday...	..	...	...	...	.....
Monday ...	26½	...	248	2	52,133
Tuesday ...	72¾	200	179	250	52,062
Wednesday.	27¾	...	194	..	52,256
Thursday ..	27¾	...	139	133	52,262
Friday	27¾	...	126	205	52,183

* No trading.

CHICAGO, Sept. 29.—Turpentine fairly active and firm. Ruling prices at the close of business last night were:—Five-drum lots, 34c. per gallon; single drums, 39c.; five wood barrels, 37c.; single barrels, 42c.

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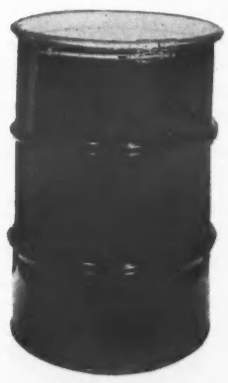

PENSACOLA, Sept. 23.—Turpentine was steady. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	62	693	20,556
Tuesday	211	449	20,318
Wednesday	33	...	20,331
Thursday	59	8	20,402
Friday	65	1	20,466
Saturday	16	...	20,482

London Turpentine Stocks

Stocks of American turpentine in London were:—

	Sept. 29.	Previous week.	Last year.
Barrels	17,703	17,536	26,573

Rosin.—Changes in local quotations were generally narrow last week in the absence of wide price movements in primary centers where the tone was steady or firm. There was a fairly active inquiry here, but transactions showed some falling off as compared with the previous week. Offerings of all grades in primary centers were light or moderate.

SAVANNAH, Sept. 29.—The rosin market was active. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	$3.90	$3.90	$3.90
D	...	4.10	4.10	4.10	4.10	4.10
E	...	5.00	5.00	5.00	5.00	5.00
F	...	5.35	5.35	5.35	5.35	5.35
G	...	5.45	5.35	5.30	5.30	5.30
H	...	5.60	5.52½	5.52½	5.52½	5.40
I	...	5.62½	5.55	5.57½	5.57½	5.55
K	...	5.65	5.60	5.62½	5.62½	5.60
M	...	5.70	5.65	5.65	5.65	5.65
N	...	5.75	5.70	5.70	5.70	5.70
WG	...	5.90	5.85	5.90	5.90	5.90
WW	...	6.25	6.25	6.25	6.25	6.25
X	...	6.25	6.25	6.25	6.25	6.25
	Barrels					
Sales	...	541	215	349	...	487
Receipts	...	1,766	2,400	780	1,677	564
Shipments	...	3,025	3,700	1,778	1,591	...
Stocks—	...	283,132	281,841	280,843	280,929	281,493

* No trading.

JACKSONVILLE, Sept. 29.—Rosin offerings were generally light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.75	$3.75	$3.75	$3.75	$3.75
D	...	4.00	4.00	4.00	4.00	4.00
E	...	4.75	4.75	4.75	4.75	4.75
F	...	5.00	5.25	5.25	5.30	5.30
G	...	5.35	5.35	5.35	5.35	5.35
H	...	5.50	5.52½	5.52½	5.45	5.45
I	...	5.60	5.55	5.55	5.50	5.50
K	...	5.65	5.60	5.60	5.55	5.55
M	...	5.65	5.65	5.65	5.60	5.60
N	...	5.70	5.70	5.70	5.65	5.65
WG	...	5.90	5.85	5.85	5.85	5.85
WW	...	6.25	6.25	6.25	6.25	6.25
X	...	6.25	6.25	6.25	6.25	6.25
	Barrels					
Sales	...	...	220	...	102	...
Receipts	...	842	718	907	474	1,785
Shipments	...	180	581	57	300	995
Stocks—	...	329,853	329,990	330,840	331,014	331,804

* No trading.

PENSACOLA, Sept. 23.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	343	742	147	187	163	59
Shipments	810	326	300	100	101	369
Stocks	63,644	64,060	63,907	63,994	64,056	63,746

CHICAGO, Sept. 29.—Brisk business is continuing in the rosin market. Ruling prices at the close of business last night were:—B grade, $6.90 per lot of 280 pounds; G grade, $8.50; M grade, $8.70; W.W. grade, $9.25.

Pine Oil.—Business was somewhat less active than in recent preceding weeks, consumers being disposed in some cases to curtail purchases and await further developments. The market retained a firm tone.

Pitch.—There was a steady inquiry, the moevment to local and other consumers apparently being sufficient to give the market a firm tone. Quotations for spot material were maintained at former levels.

Rosin Oil.—A firm tone continued to prevail in the local market for rosin oil in the absence of any material change in the position of basic material in primary centers. Quotations were advanced two cents. Demand was fairly active.

Tar.—The inquiry continued good and there was a steady movement into consuming channels on transient orders as well as contracts previously placed. The market was firm.

Shellac

The shellac market has settled some but it was still being influenced by an absence of normal spot reserves and the presence of an excellent demand for whatever goods can be delivered promptly. Quotations from Calcutta have become more clearly defined but the prices were on a Calcutta basis and hence war risk insurance and ocean freight rates are additional. This condition made it difficult to calculate actual costs until such time as steamers actually left Calcultta. Under the above conditions, the Calcutta market let week was 12c. to 12½c. per pound, subject to additional charges. Spot stocks were very low. Prompt delivery business was done under conditions solely favorable for those with goods to sell and hence the spot market was best described as still nominal.

Glues and Binders

Casein.—Sales of 20-30 mesh material were being made at 20c. per pound last week. This was the previously quoted figure. All quotations were strong. Argentine material was reported being shipped to this country in good volume but this, for the most part, was to cover previously placed orders and not to accommodate future demands.

Glues.—Bone glue was in good demand at the higher prices reported the two previous weeks. Hide glue was unchanged but still very strong.

Soybean Protein.—The price was advanced 2c. per pound to a level of 13½c. per pound for carloads and 14c. for smaller lots.

Plastic, Coldwater Paint Calcimine Sales Up

Sales of plastic and cold-water paints and calcimines reported by sixty manufacturers to the Bureau of Census for August, 1939, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	98,190	$11,114
All other	78,135	7,372
Dry, casein-bound	259,831	19,585
glue-bound	151,517	7,472
Totals	587,673	$45,543

Cold Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	1,001,714	$69,823
casein-bound	315,395	16,071
Interior, case-bound, paste or semi-paste form	264,449*	287,471
dry-powder form	792,227	60,039
glue-bound	334,199	7,932
Totals	.....	$441,338

Calcimines

	Pounds.	Value.
Hot water	3,112,961	$119,368
Cold water	2,963,364	135,257
Totals	6,076,325	$254,625

* Gallons.

Sales of these products for August compared with the corresponding period of 1938 were as follows:—

		1939.	1938.
Plastic paints	lb.	587,673	554,701
	value.	$45,543	$43,749
Cold-water paints	value.	$441,338	$383,069
Calcimines	lbs.	6,076,325	4,855,080
	value.	$254,625	$206,090

Brown Made Secretary Of Pittsburgh Plate Glass

Pittsburgh, Sept. 29, 1939

Howard B. Brown has been named secretary of the Pittsburgh Plate Glass Company, succeeding the late Carl S. Lamb. Mr. Brown has been associated with the Pitcairn Company since 1929. He is a director of the Pitcairn Company, the C. H. Wheeler Manufacturing Company, the West Chelton Corporation, and the Pocono Manor Association. He is a member of the Philadelphia Bar Association and the Philadelphia Stock Exchange. He was born in 1903, and received his education at Hotchkiss School, Lakeville, Conn.; Princeton University, and the University of Pennsylvania.

H. B. Brown

Johnson Renamed President Of Pittsburgh Paint Club

The Pittsburgh Paint, Varnish and Lacquer Association has re-elected to its presidency J. W. Johnson, of the Pittsburgh Paint Supply Company. H. R. Urbach, of the Hommel Company, was renamed vice-president, and James K. White, secretary. Walter H. Kirch, of the Pittsburgh Plate Glass Company, succeeded James E. Shields, of the McCann-Shields Paint Company, as treasurer.

E. R. Kyger Elected Head Of Kansas City Paint Club

The Kansas City Paint, Varnish and Lacquer Association has installed the following officers:—President, E. R. Kyger, of the Sewall Paint & Varnish Company; vice-president, J. R. Lerum, of the Pittsburgh Plate Glass Company; secretary, Norbert J. Potts, of the Continental Can Company; and treasurer, Charles S. Hood, of the Abner Hood Chemical Company.

Standard Enameling Company has been formed in Los Angeles with a capital stock of $100,000.

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Japan Develops Acetyl Plastic

The manufacture of "Somite," an acetylcellulose plastic, which is claimed to be an ideal substitute for metallic materials, will soon be undertaken on an industrial basis in Japan, according to a report from the assistant American commercial attache in Tokyo. "Somite," which is reported to be made of waste fiber by the viscose process, is claimed to combine the plasticity of synthetic resin, the ductility of celluloid, and the strength of vulcanized fiber. It is reported to be insoluble at high temperatures, and little affected by acetone, benzin, oil and other hydrophobe materials.

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Glidden Co. Opening Color Service Center

—Continued from page 4

Glidden's retail store manager, told how the new color service center will be operated.

The center will be in charge of expert interior decorators and colorists and will be open to all who have color problems. No merchandise of any sort will be displayed or sold. After decorative problems are discussed with the aid of specially built revolving color display drums and miniature houses, a color prescription will be written for visitors.

The Glidden Company expects, after a test of the Cleveland color service center, to establish other centers throughout the country in furtherance of its color merchandising activities, on which it has been concentrating for several years.

Knauss Joins Reichhold, Inc.

Dr. C. Knauss has joined Reichhold Chemicals, Inc., synthetic resin manufacturer, Detroit. Dr. Knauss has been assigned to the sale and servicing of Reichhold products in metropolitan New York. Previous to joining the Reichhold organization Dr. Knauss served more than five years as vice-president of the Nuodex Products, Inc., Elizabeth, N. J.

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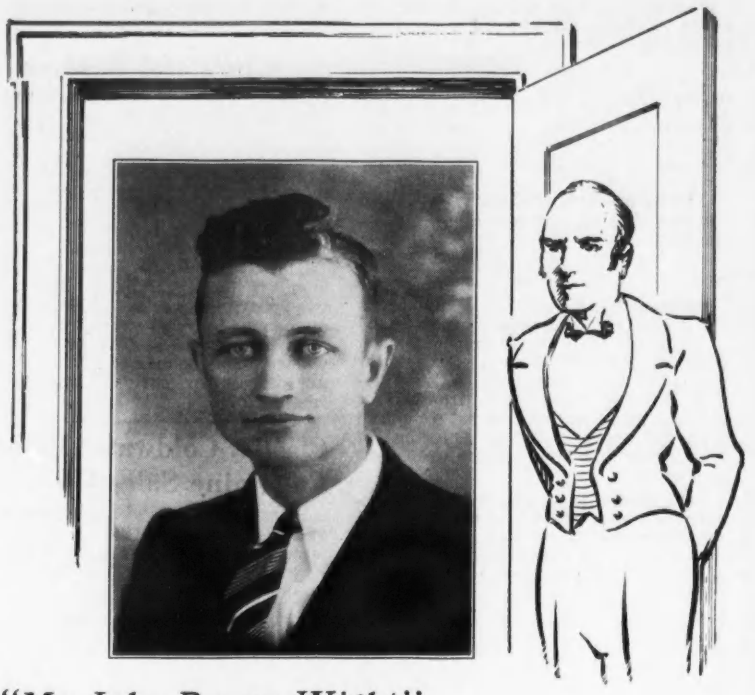

"Mr. John Byron Wight"

On the properties of the Wight Nurseries, Cairo, Ga., stands a tung tree 35 feet in height and spreading 46 feet. It is the largest and perhaps the oldest tung tree in the United States, having been planted in 1908 from the original importations of Dr. David Fairchild.

John Byron Wight, manager of the Wight Nurseries, was born in Cairo February 2, 1905, and grew up with the family's prized tung tree. He also absorbed from his father, whose name was the same, an interest in the potentialities of the tung tree in America and has carried on his father's activity in the promotion of serious cultivation of this tree in Georgia and the development of a domestic tung oil industry. Small wonder, then, that the younger Mr. Wight was elected president of the American Tung Oil Association at its recent annual meeting.

The Wights have been leaders in the budding and grafting of tung trees and in other experiments looking to the development of a tree that will fit conditions in this country. In cooperation with the Georgia agricultural experiment stations they have selected, after many tests, two parent tung trees from which their budded trees are produced. These parent trees produce nuts with an oil content of 25 percent on the basis of the whole fruit, compared with a milling average of 18-20 percent for nuts from seedling trees. The oldest commercial plantings in the Wight tung groves are now in their tenth year.

John Byron Wight complemented his common-school education with attendance at Emory University Academy, Oxford, Ga., in 1919, and Emory University, Atlanta, where he got a B.S. degree in 1924. In addition, he spent the next year at the Georgia School of Technology. Then he went to Miami, Fla., as a department manager for the realty firm of Dick & Schrager. Two years later he joined his father in the nursery business in Cairo as sales manager. He has been manager of the business since 1936.

Mr. Wight is active in several associations besides the tung oil organization. He has served as president of the Southern Nurserymen's Association and of the Cairo Kiwanis Club, and he is a member of the American Association of Nurserymen and the Southeastern Pecan Growers Association. He is a member of the Methodist Church and Phi Delta Theta Fraternity. He is a photography enthusiast and a fly-fisherman.

Mr. Wight and Miss Elizabeth Allen were married May 24, 1927, in Little Rock, Ark. They have two children, John Byron, jr., who is ten years old, and Elizabeth Allen, who is three. The family home is on Georgia route 111, about two miles southwest of Cairo.

John Tiedemann, formerly associated with the Braun-Knecht-Heimann Company, has joined L. H. Butcher & Company, San Francisco.

Clean-up and paint-up campaign in Winston-Salem resulted in the consumption of 9,275 gallons of paint and varnish materials.

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Oils, Fats, and Waxes

Cottonseed Oil and Lard Futures Lower on Liquidation — Many Other Vegetable, Animal and Fish Products Still Upward Trend—Business Continues Good—Supplies Light

A firm tone continued to prevail in the market for miscellaneous oils, fats and greases last week despite a downward trend in cottonseed oil and lard futures. Further advances were recorded in various vegetable, animal and fish products, and late in the week quotations in not a few instances were merely nominal. In the case of imported commodities offerings were light throughout the week, while sellers of domestic products were reserved owing to uncertainty concerning future supplies of raw and manufactured materials.

Business continued good. There was little of the excitement noted in the previous week, the setback in cottonseed oil and lard futures and a downward trend at times in the markets for securities, as well as rumored peace moves in Europe, having a tendency to curtail speculative purchases. But consumers here and in other parts of the country were in the market for further supplies, and sellers were fully employed with deliveries on contracts previously closed.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coconut oil, ¼c. to ¼c. per lb.
Corn oil, crude, ¼c. per lb.
Grease, ¼c. to ½c. per lb.
Lard oil, ¼c. to ½c. per lb.
Menhaden oil, refined, 2/10c. per lb.
Neatsfoot oil, ¼c. to 1c. per lb.
Oleo oil, ½c. to ¾c. per lb.
Olive oil, denatured, 5c. per gal.
Peanut oil, crude, ¼c. per lb.
Rapeseed oil, 5c. per gal.
Sardine oil, refined, 2/10c. per lb.
Stearin, ½c. per lb.
Tallow, ¼c. per lb.
Tallow oil, ¼c. per lb.

Reduced

Lard, 50c. to 60c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
108.2	106.4	95.1	101.7

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

The market here for chinawood oil continued to present the same firm appearance noted in the previous week. Arrivals for some time past have been limited to comparatively small or moderate quantities, and there was no increase in offerings in the open market. A similar situation continued to be reported in the markets on the Pacific coast. Much of the oil arriving there as well as here in recent weeks appeared to have been sold ahead. In one local quarter 23c. per pound continued to be quoted for oil in tankcars, but it was stated that only limited quantities were available. Offerings were again reported among resellers at 27c. per pound in tankcars, and business was said to have been closed at that figure, with reports current of higher prices asked in some quarters. Correspondence from the Pacific coast to the REPORTER noted the arrival at San Francisco of the steamship President Cleveland from Hongkong with three lots of oil aggregating 550 tons. The arrival of the steamship Tai Ping was also reported at Los Angeles with 200 drums from Shanghai and 70 drums from Hongkong. The steamship Hulda Maersk arrived at New York from Hongkong with 43 drums.

WASHINGTON, Sept. 29.—According to a report of the Foreign Trade Commission of the Chungking Government, the contract made by the Universal Trading Corporation with the Export-Import Bank in Washington called for the following deliveries of tung oil:—1939, 25,000 tons; 1940, 35,000 tons; 1941, 40,000 tons; 1942, 40,000 tons; and 1943, 60,000 tons, with a total of 200,000 tons. The Chungking Government up to the middle of last July shipped 15,000 tons of oil from Chungking and had 1,000 tons in storage at Hongkong, leaving 18,000 tons of oil in the possession of the Foreign Trade Commission in Chungking. It was estimated that at the end of 1939 the Foreign Trade Commission would have on hand approximately 18,000 tons of tung oil.

SAN FRANCISCO, Sept. 26.—Sellers today were naming 27c. per pound for chinawood oil in tankcars, f.o.b. Pacific coast ports, with the market strong. Business was said to have been done at this figure.

Vegetable Oils

Coconut.—The local market for crude oil was stronger. The inquiry was good and sales were reported at 4⅝c. to 4¾c. per pound in tankcars. Offerings were light and quotations were mainly nominal. Refined oil also met with a good inquiry and the market was firmer, quotations being advanced ¼c.

SAN FRANCISCO, Sept. 26.—Coconut oil quoted at 4¼c. to 4⅜c. per pound in tankcars, f.o.b. Pacific coast ports and/or mills, with sales reported earlier in the period at the latter figure. The general asking price for copra late today appeared to be in the neighborhood of 2.625c., with buyers tending to shy off. Supplies are said to be available in good quantity at source, but sellers are reluctant to release them.

Corn.—The market for crude oil was firmer despite a reactionary tendency at times in competing product. The inquiry continued good and offerings remained light in all positions. Quotations were advanced ⅛c. to ½c. per pound, with the figures mainly nominal.

Cottonseed.—Edible oil remained firm, quotations being maintained at previous levels. There was a good inquiry, the movement apparently being as large as in recent preceding weeks.

Oiticica.—The situation continued to be featured by a firm tone. There was a good inquiry, but offerings were light, few sellers apparently being in a position to accept business for early delivery. Quotations were mainly nominal.

Olive.—Foots remained firm with the inquiry good and offerings generally reported as very light. Quotations were still mainly nominal. Denatured oil met with a good inquiry, but business was hampered by the smallness of supplies and offerings. In a nominal way quotations were 5c. higher.

Peanut.—A firm tone prevailed in Southern markets for crude oil. Offerings were light in all sections, with quotations generally nominal.

Perilla.—Spot oil ruled steady, offerings being light. Quotations were generally maintained at previous levels. There was a fair inquiry.

Soybean.—The market had a firm tone, quotations being held at former levels for prompt shipment oil. An increase was noted in the inquiry and there was a steady movement into consuming channels on contracts previously placed.

Markets at Other Centers

San Francisco, Sept. 26.—Firmness is prevailing all the way through the vegetable oil list and buying is just brisk enough to lend a bouyant tone.

OITICICA.—Quoted on the basis of 20c. to 21c. per pound in drums and/or tankcars, f.o.b. Pacific Coast for spot shipment or future delivery from Brazil.

COTTONSEED.—Cottonseed oil, domestic bleachable, is quoted at 7¾c. per pound in tankcars, with the market strong. Foreign oil has been figuring in the trade here on a re-export basis.

PERILLA.—Perilla oil is quoted at 13½c. per pound in tankcars f.o.b. Pacific Coast for prompt or deferred shipment.

RAPESEED.—Refined and denatured rapeseed oil is quoted on the basis of 7¼c. per pound in tankcars, f.o.b. Pacific Coast ports for forward shipment. Spot stocks are reported to have been cleaned out.

TEASEED.—High acid teaseed oil is quoted on the basis of 13½c. per pound in drums or tankcars, f.o.b. Pacific Coast ports.

Chicago, Sept. 29.—The vegetable oil market ruled firm. Buying has quieted down somewhat.

COCONUT.—Coast basis, September-forward, 4½c. to 4⅝c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, drums, car lots, and 9¾c. to 10c., barrels, less than car lots.

CORN.—Crude, low acid, 7c. to 7⅛c. per pound, partly nominal. Refined, edible

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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oil, 9c. to 9½c., barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, nominal; October-forward, also nominal.

PEANUT. — Crude, mills, September-forward, 7c. to 7¼c. per pound.

SOYBEAN.—Crude, mills, 5¼c. to 5½c. per pound, October-forward.

The market for soybeans on the Chicago Board of Trade was quieter. Prices were irregular in company with grain. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Sept. 29.	Closing Sept. 22.
October	$0.85	$0.80¾	$0.81⅝	$0.83¾
December	.85¼	.79½	.80¾	.84

Linseed Oil

Flaxseed quotations were irregular, changes in prices being frequent and at times sharp. Linseed oil and cake higher. Meal steady,

Flaxseed—DULUTH, Sept. 29.—Strong demands of a broad nature continued in the flax market this week, and premium have climbed. Country marketings are large, and reports stated that to cover good sales of oil, linseed interests are eagerly seeking the daily arrivals of seed. During the week supplies of flaxseed at Duluth have increased 301,000 bushels; stocks in store here now total 1,368,000 bushels.

The week's closing price range was as follows:—

	Cash.	Dec.
Saturday	$1.90½	$1.83½
Monday	1.90	1.83
Tuesday	1.89½	1.81¼
Wednesday	1.92	1.84
Thursday	1.93	1.83
Friday	1.90½	1.81½

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week	392,713	127,450	101,988	.....
Since Aug. 1	2,388,851	1,219,072	1,004,111	466,779

MINNEAPOLIS, Sept. 29.—Although cash flash receipts of the week past were small compared with recent weeks they were liberal compared with year ago figures. Owing to the smaller country movement crusher competition for the daily offers gained edge and premiums advanced. Buyers were giving strong premiums for small dockage content. Not a little of the movement has been purchased for delivery at the head of the lakes, possibly 2,000,000 bushels. This seed will move down the lakes before the close of navigation.

Country shipping advices on flax are moderate and, surprisingly, a fairly large proportion of arrivals is being ordered to elevator for storage owing to the speculative spirit of the farmers and interior shippers. Most of them have accumulated large stocks but not enough seed to insure a steady run through the season. Stronger competition for offers is expected to develop and higher premiums are anticipated.

So far on the crop the amount of damaged seed offered has been more than ordinarily small in volume. Virtually all of the crop has been gathered, just a few spots in northern Montana being late with harvest. The crest of the movement is past and very orderly marketing is expected from now on.

The week's closing price range as follows:—

	Cash.	Dec.	May.
Saturday	$1.87½	$1.83½	$1.86
Monday	1.87	1.83	1.83½
Tuesday	1.86½	1.81½	1.81
Wednesday	1.90	1.84	1.84
Thursday	1.90	1.83	1.82¾
Friday	1.87½	1.80	1.80

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week	364,000	224,700	208,200	24,750
Since Sept. 1	2,324,000	1,089,820	631,000	76,030

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WINNIPEG, Sept. 29.—The flaxseed market was quieter. Prices were irregular. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.82¼	$1.82½	$1.73
Monday	1.80¼	1.80½	1.71½
Tuesday	1.78⅝	1.79	1.71¼
Wednesday	1.77⅜	1.78	1.71
Thursday	1.73⅝	1.74	1.66
Friday	1.72⅞	1.73	1.66

BUENOS AIRES, Sept. 29.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturdoay	$1.53¼	$1.12⅝
Monday	1.53¼	1.12¼
Tuesday	1.44¼	1.12¼
Wednesdlay	1.45½	1.11⅛
Thursday	1.42⅛	1.08⅞
Friday	1.40	1.09⅛

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	248,000	240,000	197,000
United Kingdom	51,000	106,000	4,000
Continent	307,000	197,000	323,000
Orders	.....	98,000	189,000
Others	.....	31,000	.....
Totals	606,000	672,000	713,000

Since January 1

To—	Bushels This year.	Last year.
United States	11,775,000	9,215,000
United Kingdom	2,220,000	1,122,000
Continent	19,836,000	19,098,000
Orders	8,042,000	7,487,000
Others	2,504,000	1,670,000
Totals	44,377,000	38,592,000

Visible Supply

	Bushels.
Last week	3,150,000
Previous week	3,543,000
Last year	3,543,000

Linseed Oil.—Quotations were advanced in the local market to 10.2c. to 10.4c. per pound, according to crusher, but the tone of the market late in the week was easy. The Buenos Aires market for flaxseed weakened after displaying strength early in the period and it was intimated by linseed oil sellers that quoted prices could be shaded on a bid. The market was quieter so far as new business was concerned. There was a steady movement of liberal proportions to consumers and dealers on unfilled contracts, but buyers were disposed to hold off in the matter of fresh purchases owing to uncertainty concerning neutrality legislation at Washington and reports of peace moves in Europe.

Cash flaxseed met with a good demand in Northwestern markets, competition among crushers for supplies being rather sharp owing to a further decrease in arrivals at terminal points in the northwest and a further shrinkage in the country movement. Northwestern advices stated that harvesting has been practically completed. Reports concerning the crop in Argentina were favorable; beneficial rains were received recently and the indications point to a good yield, although there is a possibility that present prospects may be changed by weather conditions during the critical growing season later on. There were no receipts of flaxseed at New York last week. Shipments from India were cabled at 40,000 bushels of which 24,000 bushels went to the United Kingdom and the Continent and the remainder to Australia, Japan and Calcutta.

MINNEAPOLIS, Sept. 29.—Linseed oil sales during the week ending today, though not showing the volume of a number of preceding weeks, were sizeable and not a little of the fresh purchases covered requirements of the closing months of the present year. In the past month of rapidly increasing crushing operations shipping instructions have been so heavy and imperative that crushers have been unable to rebuild their reserve stocks. Today they all have more instructions than they can take care of within the next week to ten days. Quotations on carload lots, f.o.b. Minneapolis, tankcar, 10.4c. per pound, cooperage car 11c. per pound, warehouse lots, 11.4c., September-June shipment. Prices advanced sharply in the week.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	3,000,000	1,647,274
Since Sept. 1	13,680,000	7,646,609

SANFRANCISCO, Sept. 26.—The card price on linseed oil in this market was advanced over a cent last week in two successive jumps that brought the posted level on tankcars over 10c. per pound. Although there is not much interest at the moment, business was said to have taken place in rather good fashion just before the rises. Ruling prices are:—Tankcars, 10.1c. per pound; drum lots, ex mill, 10.7c.; drum lots, ex warehouse, 11.1c.

CHICAGO, Sept. 29.—Paint industry interest in the linseed oil market has been in evidence on a somewhat more intensified scale. Ruling prices are:—Tankcar, 10.4c. per pound; car lots, 11c.; less than car lots, 11.4c.

Cake and Meal.—Cake was firm at an advance of $1 per ton. Meal firm but unchanged. The foreign and domestic inquiry was lighter.

MINNEAPOLIS, Sept. 29.—There is no competition of other high protein feeds to bother the linseed meal sellers right now, though there may be later. In the meantime those who want linseed meal for deferred shipment to cover registered formulas are contracting for deferred supplies in freer fashion. Output and out movement is extraordinarily liberal, even for this time of the year and crushers have instructions on hand to keep them going for some time.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $35 to $35.50 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	6,240,000	2,426,645
Since Sept. 1	23,400,000	10,902,965

CHICAGO, Sept. 29.—The linseed meal market holds tight, with offerings limited. Feeders have been showing considerable interest in taking products. Ruling prices are:—Round lots, $34 to $35 per ton, largely nominal; car lots, $35 to $36; less than car lots, $37 to $38.

Cottonseed Oil

The trend of refined oil futures in the local market was downward. Changes in quotations for cottonseed products in Southern markets were narrow.

Cottonseed Oil.—The trend of refined oil futures in the local market was mainly downward last week although at one time early in the period prices were moderately higher on commission house buying and covering of shorts. On the whole, however, there was more disposition to liquidate than there was to buy as lard futures displayed not a little weakness at times. There was also more or less bearish pressure and hedge selling. There was further switching from near to distant positions. October was switched to December at 12 points difference and to March at 29 to 32 points. March was switched to May at 11 points difference, and January to March at 14 points. Cash cottonseed oil was reported as less active and demand for lard compound also slowed down to some extent. The export movement of lard decreased.

Vegetable oils which compete with cottonseed oil were generally firm or higher with offerings light. Southern markets for crude cottonseed oil were reported as quieter. Receipts of hogs at some points in the West were larger. Arrivals in the principal centers for four days of the week aggregating 236,300 head against 178,500 head a year ago. Exports of lard from Atlantic and Gulf ports during the week ended September 23 were only 676,000 pounds as compared with 6,600,000 pounds in the previous week.

The quantity of cotton ginned for the season to September 16 was 3,883,499 bales against 2,634,922 bales in the same time last season and 4,261,165 bales two years ago. The weekly government cotton crop report stated that in Texas progress and conditions were fair to good in the northeast, but mostly fair to locally poor elsewhere. Picking made rapid advance in that state and has been mostly completed in the southern half. In Oklahoma premature opening continued with the condition of the crop rather poor to only fair; picking made good advance. In the central states of the belt progress of the crop was generally good; picking and ginning made

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good progress. In most Eastern states the crop was nearly all open and picking made good advance and is about completed as far north as the central portions of Georgia and Alabama.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 23 to September 29, inclusive, comprised 1,186 contracts, a total of 71,160,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks—		
	High.	Low.	Close.
January	7.70	6.88	7.04@7.05
March	7.85	7.02	7.19@7.21
May	7.94	7.11	7.28@7.29
October	7.70	7.20	6.90@7.10
December	7.63	6.86	6.99@7.02
Crude, Southeast, .06c. Nom.			

Chicago, Sept. 29.—Buying of cottonseed oil fair. Good, off-Summer, yellow fig oil is 7¾c. per pound. Refined, edible oil is 9¼c. to 9½c. per pound, barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

Cake and Meal.—Changes in quotations were generally narrow, the prevailing tone in Southern markets being steady. There was a fairly active inquiry.

Markets at Other Centers

Atlanta, Sept. 28.—Cottonseed meal, 8 percent, is quoted at $27.50 to $28 per ton at southeastern mill points. Prime crude oil, 6.50 to 6.60 cents per pound.

Memphis, Sept. 29.—Crude cottonseed oil sold in fair volume in this section at 6⅜c. early in the week, 6¼c. later and 6⅛c. subsequently. The setback in prices was due to weakness in lard and the decline in refined oil. Today 6c. is the best bid. Mills report the output well sold against seed receipts, and no sharp selling pressure is expected. Meal weaker in company with grain markets. Today 41 percent meal quoted at $25.50 per ton at Memphis. Bulk slab cake $23 per ton for 41 percent, Valley points. Hulls, $5 per ton at mill points. Weather continues hot and clear and the cotton crop is being rapidly gathered. Many small bolls have been forced open by the warm weather and it is now considered that the crop will not prove as large as the last government figures.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 21.	September 28.
October	$25.90@26.50	$24.50@24.75
December	25.40@25.60	24.50@24.75
January	25.25@25.60	24.35@——
March.....	.....@.....	24.65@——

Washington, Sept. 29.—Quotations on cotton linters ranged during the week ended September 23 from 1.62c. to 5c. per pound, f.o.b. mill points, uncompressed. The average prices of grades 2 and 6, for the week were 4.25 and 1.88 respectively, compared with 3.38 and 1.38 respectively during a similar period a year ago. A strong and active market was reported for linters during the past week and for the third successive week prices were reported as advanced, these advances having been 0.75 cents or more per pound for all grades since the report for the week ended September 2, 1939. A recent trade report indicated a sizeable export shipment of linters from a Southeastern port to England.

Fatty Acids

Capric Acid.—A firm tone continued to feature the local situation, quotations being maintained at recently advanced levels. The inquiry held up well and the output moved steadily into consuming channels.

Castor Oil.—The market for this fatty acid retained a firm tone, this being a reflection of recent developments in raw material. An active inquiry continued to be noted.

Lauric Acid.—There was a steady inquiry from local and other buyers, the movement apparently being sufficient to absorb the output. A firm tone continued to prevail.

Linseed Oil.—A further broadening of business was noted in this fatty acid, the demand being stimulated by recent advances in basic material. The price trend was upward.

Myristic Acid. — Quotations were maintained at recently advanced levels, and the tone appeared to be firm. There was a good inquiry from makers of soaps and cosmetics.

Stearic Acid.—The strength of basic material continued to be reflected in the market for stearic acid, prices being very firm and more or less nominal. The inquiry continued active.

Markets at Other Centers

Chicago, Sept. 29.—Continued strength in basic markets has been reflected in a generally strong situation in the fatty acids. Trade is reported to be in fairly good volume.

FATTY ACIDS.—Corn oil, double distilled, 9c. to 9¼c. per pound, tankcar; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c.; barrels, less than car lots; coconut oil, acidulated, 9¼c. to 9½c., tankcar, mostly nominal; 9¾c. to 10c., barrels, car lots; 10¼c. to 10½c., barrels, less than car lots; cottonseed oil, double distilled, 8c. to 8½c. per pound, tankcar; 8½c. to 9c., barrels, car lots; 9c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4½c. to 4¾c.; cottonseed foots, 50 percent basis, 2⅛c. to 2¼c.

STEARIC ACID.—Distilled, single press, 12c. to 13c.; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

Fish Oils

Menhaden.—Quotations on refined oil were advanced two points, and the tone of the market appeared to be firm at the rise. Business continued fairly active, the movement into local and other consuming channels on contracts and transient orders being steady and apparently as large as in recent preceding weeks. Crude oil remained firm in the primary market, with supplies reported as very small. Baltimore reported crude sales at 35c. per gallon, showing a further rise.

Sardine.—The local market for refined oil was firmer, the tone being influenced by recent developments in crude oil on the Pacific coast. Local quotations on refined oil were advanced two points. There was a good inquiry.

Sperm.—The market was firm at the advance noted in the previous week. Demand continued to be reported as good.

Markets at Other Centers

San Francisco, Sept. 26.—A substantial amount of California sardine oil was sold in this market last week out of the current production as the price rose upwards from 36 cents per gallon in tankcars to a figure of 38 cents, where the market now stands while meantime internal strife in two competing unions angling to take over the production work in and around San Francisco Bay paralyzed the local industry. Production went on as usual in the Monterey Bay sector where, for the period ending September 22, a total of 17,182 tons of raw fish had been turned in, with oil yield averaging in the neighborhood of some 38 gallons to the ton. It was learned that as of today, a total of approximately 800 tankcars of oil are contracted out of California production. A full moon coming on tomorrow will temporarily halt work, the fishing boats being unable to locate schools of fish during the "light" period.

Producers have expressed their willingness to meet pay demands from the union, and in Monterey they have done so, with the men at work, but here the deadlock appears to be comprised of difficulties existing between the C.I.O. and the A.F. of L. Possibility was seen here today, however, that this trouble may be cleared up in time for the boats to operate out of San Francisco by the first of next week, at which time the season will have been two months along without a single drop of oil having been turned out in this center.

Southern California operations are expected to get under way on November 1, when the season legally opens down there. Last week there was reported to have been a smattering of oil sold out of that production to local buyers.

Baltimore, Sept. 27.—The price of menhaden oil is going up, some small lots having been sold during the last week at 35 cents per gallon. Work of the fishing vessels goes on, but the catch last week was small. Production of oil on the North Carolina coast has come to a virtual standstill for the present.

Fats and Greases

Grease.—Quotations were advanced ¼c. to ½c. per pound, the figures being mainly nominal. There was an active inquiry, but business was hampered by the smallness of supplies, offerings being light in all positions.

Lard.—Cash quotations had a downward trend at times in the local market, the setback being due to a reaction in futures in the West, where there was further liquidation of speculative accounts. Also demand here was less active, this applying to both domestic and foreign trade.

Stearin.—The market was stronger, the inquiry being good while offerings were light. The trend of prices was upward, reports being current of sales at as high as 12c. per pound, though there were occasional offerings at a lower figure.

Tallow.—The situation continued to be featured early in the week by a strong tone. The inquiry was good and sales were reported at 7c. per pound for extra, showing a further advance of ¼c. per pound. Later in the period buying interest slackened, a reactionary trend in lard and cottonseed oil making tallow buyers inclined to hold off. Ofierings remained light, however, and quotations were largely nominal.

Trading in tallow futures on the New York Produce Exchange from September 23 to September 29, inclusive, comprised 4 contracts, a total of 240,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks—		
	High.	Low.	Close.
February	7.25	7.25	6.30@6.70
November	7.05	7.05	6.30@6.70
December	6.90	6.90	6.30@6.70

Markets at Other Centers

Chicago, Sept. 29.—Some irregularity has been developing in the cash lard market. Shipping trade has been quite good.

The range of lard quotations from the opening Saturday, September 23, to the close Friday, September 29, is shown in the following table:—

	—Per 100 pounds—				
	Open.	High.	Low.	Close.	Previous Friday.
Cash $8.10	$8.10	$8.62	$8.62	$8.10	
October .. 7.75	7.75	6.52	6.55	7.75	
December. 7.67	7.67	6.60	6.65	7.67	

TALLOWS (tierces).—Edible, 7¾c. to 8c. per pound; prime, 6¾c. to 7¼c.; fancy, 6¾c. to 7c.; special, 6¼c. to 6½c.

STEARINS (barrels).—Prime oleo, 9¾c. to 10c. per pound; lard, packaged, 9½c. to 9¾c.; white grease, 6¾c. to 7c.; yellow grease, 6¼c. to 6½c.; oleo stocks, 11c. to 11¼c.; No. 2 stocks, 10½c. to 11c.

Animal Oils

Lard.—Quotations on all grades were higher, the advances ranging from ⅛c. to ½c. per pound, with the tone of the market firm at the rise. Domestic trade was good and an increase was noted in the export inquiry.

Neatsfoot.—The increased cost of production was reflected in a further strengthening of the market for neatsfoot oil, quotations being advanced ⅛c. to 1c. per pound, as to grade. A good demand continued to be noted.

Oleo.—Quotations were advanced ½c. to ¾c. per pound, with the figures more or less nominal owing to the smallness of supplies of spot material. Demand remained good.

Tallow.—An advance in prices of ¼c. per pound was due to the recent rise in basic material. An increased request was reported.

Markets at Other Centers

Chicago, Sept. 29.—Inquiry for animal oils has been brisker. Most buyers want early shipment.

LARD.—No. 1, 9½c. to 9¾c. per pound.
OLEO.—No. 2, 10¾c. to 11c. per pound.
TALLOW.—Acidless, 8½c. to 9c. per pound, tanks; and 9c. to 9½c., barrels, less than car lots.

Waxes

Bayberry.—A strong market prevailed. It was a sellers' market for the reason that there was uncertainty about getting further supplies and large consuming requirements going unfilled in numerous instances.

Candelilla.—The advance was maintained and the market was active and strong. The chaotic carnauba wax market has turned buyers to candelilla in instances where consumers could substitute that article.

Carnauba.—No quoted price, unless made on a definite order, meant anything. Consumers were reporting paying prices for future deliveries so freely as to astonish even the oldtimers in the wax importing business. Few houses would quote a market and quotations in this paper must be considered entirely nominal. Demand was heavy and spot deliveries were hard to get. Some were sold out of spot holdings entirely.

Japan.—Business flowed steadily to the spot and dealers had little to offer. There was a strong undercurrent that tended to raise quotations and kept all openly-quoted prices nominal except as quoted on definite orders.

Vernon D. Beatty has been named advertising manager for Swift & Co., Chicago.

Biproducts, Inc., fisheries by-products processing firm, of Astoria, Oregon, has arranged for the assaying of oils from shark, tuna and other fish livers at the University of Oregon medical school in Portland.

Trade Briefs

Tung-O-Pacific Corporation is a new concern formed in Los Angeles with 1,000 shares of no par value stock.

BIMS of Boston golf outing September 21 was won by H. B. Hawk, of the Valvoline Oil Company.

United Sulphur & Chemical Company is a new corporation formed in Los Angeles with a capital stock of $25,000.

Independent Petroleum Association of America will hold its tenth annual convention October 18 to 20 in Fort Worth.

Thomas Drug Company, this city, has filed a certificate of voluntary dissolution in the office of the Secretary of State.

Barium chloride exports from Germany were reported at 2,569 metric tons for 1937 and at 2,421 tons for 1938.

Edward Ryland has been elected vice-president in charge of production for the Virginia-Carolina Chemical Corporation.

Geisenberger Brothers Drug Company, wholesale and retail druggist, Natchez, Miss., is observing its fortieth anniversary.

Griess-Pfleger Tanning Corporation, Cincinnati, hearing on reorganization before Federal Judge Druffel has been extended to October 18.

Libbey-Owens-Ford Glass Company, Toledo, is producing a product under the name of "Glastone," a load bearing, glass faced building brick.

A. Lee Amoss has been transferred from Baltimore to take charge of the Washington warehouse for the Pittsburgh Plate Glass Company.

Birmingham Paint & Glass Company, founded in 1885, announces its removal from 2021 Fourth avenue, North, to a new location directly across the street.

Germany increased its production of petroleum to 3,031,029 barrels in the first seven months of 1939, an increase of 30 percent over the same period in 1938.

Books You Can Use

Chemical Handbook

Handbook of Chemistry and Physics. By Charles D. Hodgman. Cloth; 2239 pages, 7½ by 5 inches. Cleveland: Chemical Rubber Publishing Company. Regular edition, $3.50; deluxe edition, $6.

This is the twenty-third edition of a reference volume which has long since become a recognized source for chemical and physical constants. Providing comprehensive data on the three fundamental sciences: chemistry, physics, and mathematics, the book contains accurately classified authentic information which although condensed in form is broad in scope and strictly up-to-date. Between its covers may be found the multitude of formulas, constants, mathematical and conversion tables, and other factual data extensively employed in the chemical and allied fields.

Included in the new edition, which not only shows an increase in the number of pages but also is slightly larger in size tending toward a more easily handled book, are new features giving melting and boiling point data of organic compounds, potentials of electrochemical reactions, ionization potentials, and ratio tables for bridge calculations. Extensive revisions have also been made in the table of elements, isotopes, gravimetric factors and their logarithms, definitions of chemical terms, and the composition and value of foods. In addition minor revisions have been made throughout the volume to bring its content in line with the latest data available in the sciences.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Drugs, Fine Chemicals

Spanish Offers Ease Domestic Quicksilver — Quinine Adopts Invoice Surcharge to Show War-Made Costs — Santonin Higher — Corn Syrup Reduced — Demand Good

The past week developed no rash of price changes such as accompanied the feverish shifting of numerous values during the previous trading period. From a price standpoint, the week under review was one of comparative inactivity; it appeared as though a breathing period had developed during which producing and consuming industries were free from a large number of raw material changes of major importance.

The week was not without its developments of interest and importance, however. Spain became an influence in the quicksilver market and changed the picture considerably, altering the price of metal and stemming the rise in derived products. Makers of quinine showed that there is something new in the world. They instituted an ingenious invoicing scheme designed to show the buyer to what extent the war is influencing his quinine costs. These developments are treated fully in the respective market reports.

Demand for drugs was active. Brokers and commission merchants reported a flood of orders on direct export orders or from those buying indirectly with that in mind. It was clear that there existed a large group of middlemen whose activities oftentimes had a speculative aurora.

First line manufacturers hewed close to taking care of domestic requirements first and always. They were seeking to keep prices as stable as possible, restricting changes to those caused solely by actual shift in their basic costs of production. In the main, they were successful and it was the sounder market for that reason.

Acetone.—The position of this article has improved, because of a sharp expansion in demand that has engaged production well ahead.

Acid, Benzoic.—There has been some strengthening of this article, but in the main it remains unaffected by the element of war.

Acid, Boric. — Larger demand has been expected, but it was felt that present contract engagements will in most cases cover requirements to the end of the year.

Acid, Citric.—Prices as of October 1 are guaranteed by one large maker to remain unchanged for a year.

Acid, Tartaric. — The market was strong but prices advanced no further. Raw material costs remained high and seemed unlikely to decline soon.

Alcohol.—A firm tone prevailed in the market. Demand has been stimulated by an expansion in manufacturing activity generally and the increased call has relieved the market from some of the competitive pressure current recently. Quotations were firm.

Bismuth Metal and Salts.—Prices on salts and metal were raised recently in London. Locally, a very firm market prevailed, but schedules remained unchanged last week. Demand was good.

Citrates.—One of the largest producers of this group of materials has announced that the quotations in effect October 1 will be guaranteed to hold unchanged for one year. Nothing could have had a greater stabilizing influence on the market.

Borax.—Consumption was expected to run larger over the balance of this year, but existing contracts were expected to cover a fair part of requirements. Additional needs can be readily supplied.

Cadmium.—Consumption was running high. Canada has placed exports of this item under control. Manufacturing needs were expected to increase. Prices were strong.

Camphor.—Demand was active; there were even buyers from Norway seeking stocks, with little success. Prices were strong and tended higher.

Castor Oil.—The market was fully firm at the rise. Demand was active and expanded. Replacement costs tended higher because of the war that has raised all costs.

CHICAGO, Sept. 28.—The castor oil market continues strong, with prices ruling at the highest levels in many months. Orders have been good at the higher prices, and there is every evidence of a generally strong market situation. Buyers are in the market in some quantity. Ruling prices are:—No. 1, barrels, car lots, 10⅛c. per pound; barrels, less than car lots, 11c.; returnable drums, car lots, 9⅝c.; drums, less than car lots, 10¾c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10¾c.; returnable drums, car lots, 9⅛c.; drums, less than car lots, 10¼c.; tanks, 8⅞c.

Cinchonidine. — Buyers must pay a surcharge of 4c. per ounce on all purchases to cover present war risk insurance, ocean freight rates and other rising costs. No change in official prices was made. The sucharge will be billed as a separate item on invoices. Any change in total costs will be reflected in that surcharge.

Cinchonine.—To the official price on invoices will be added a surcharge of 4c. per ounce to cover present war risk insurance, ocean freight advances, and other additional costs resulting from the war. Any change in total of unusual costs will be reflected in the surcharge.

Codliver Oil.—The market in Norway continued strong. Britain and Germany were reported trying to buy there. Bare import cost from Norway was in excess of $35 per barrel last week. Spot prices were strong at $40 to $50 per barrel. Regular customers were being cared for.

Corn Syrup. — Prices were dropped 10c. per 100 pounds. The 42-degree syrup became $3.17 per hundred pounds; 43 degree, $3.22. This reflected lower prices for corn.

Cream of Tartar.—No further advance was made, but the market held strong because of the high cost of production. Demand was active.

Glycerin.—Demand was good, but all legitimate needs were being cared for promptly without change in prices. A speculative demand was clearly present. Foreign countries were attempting to buy, among them Norway. It was supposed that Germany was behind that attempt. Leading domestic producers were interested solely in seeing American consumers' requirements being met. They were not interested in raising sales volume of glycerin if to do so meant an unneeded increase in soap production. Stabilization at current prices was the goal.

CHICAGO, Sept. 28.—The excited type of buying which has been noted in chemically pure and other glycerin in the last few years now has tapered off considerably and the present type of activity is much more nearly in line with that which normally comprises the market. Tone is firm and business steady. Ruling prices are: Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Mannitol.—The quotation on 99 percent pure material was 42c. per pound in a steady, well maintained market.

Menthol.—Quotations were advanced to $3.25 to $3.35 per pound in a broader and more active market that reflected substantially conditions that have raised the import cost of this article. Demand was steady.

Mercurials.—Prices held strong at the

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Menthol, 15c. per lb.
Santonin, $5 per kilo.
Tartar emetic, 1c. per lb.

Reduced

Corn syrup, 43 degree, 10c. per 100 lbs.
43 degree, 10c. per 100 lbs.
Quicksilver, $10 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
194.2	**194.1**	**183.0**	**182.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Industrial and Pharmaceutical Chemicals

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE
QUINIDINE
and their Salts

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"MAARSSEN" BRAND

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R. W. GREEFF & CO.
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FINE CHEMICALS

Creosote
Creosote Carbonate
Guaiacol - Guaiacol Carbonate
Potassium Guaiacol Sulfonate

•

Acetylsalicylic Acid • Salicylates
Benzoates • Benzaldehyde
Bromides
Formaldehyde • Paraformaldehyde
Methenamine
Glycerophosphates
Silver Proteins

HEYDEN Chemical Corporation
50 UNION SQUARE NEW YORK, N. Y.
CHICAGO BRANCH: 180 N. WACKER DR. Factories: Garfield, N. J. Fords, N. J.

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Largest Producers and Refiners of
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Packed in drums and cans
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CRYSTALS—POWDER—GRANULAR
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advances in the previous week. Raw material was still basically strong but the undertone eased slightly as demand pressed less aggressively and firsthands were more disposed to entertain proposals. Demand was maintained at normal levels.

Methanol.—Movement was excellent, having received some stimulation from the general industrial pickup in activities. Prices were steady to firm at all times.

Methyl Acetone.—There has been a gain in selling and a general stiffening of the market during the past fortnight and business was good at the higher prices recently put into effect.
was strong. Many came from Germany formerly and products of that country are shut off. Swiss production was still available. Spot goods were recently revalued upward and they were strongly held at the advances last week.

Quicksilver.—Prices last week were as high as $167.50 per flask, but toward the close of the period values were named at $150 to $155 per flask. High prices have stimulated production. Many small mines have reopened and the output of regularly operated mines has been expanded. This means more metal. However, Europe was the principal influence last week. Spain was reported offering at $105 per flask. With all charges added, this would work out at about $130 per flask. Business to the extent of approximately 2,000 flasks may be placed if the shippers can give regular documents and not merely a dock receipt.

SAN FRANCISCO, Sept. 26.—Quicksilver has approached more of a stabilized position in this market and the consuming trade has been somewhat reluctant to push the metal up by continued forced bidding for supplies. The problem still appears to be one of sufficient supply however and from what can be seen here a ready market exists for metal from $150 to $160 per flask. One transaction was reported during the week at above $160, which involved a small parcel on the spot here. Inquiries for export are noticed in the trade, it being reported that both Japan and New Zealand have been looking for quicksilver. Also one of the smaller European countries.

Quindine.—To the official schedule price will be added a surcharge of 4c. per ounce as a separate invoice item. This charge will cover present war risk insurance, ocean freight rates, and other higher costs beyond the usual costs of business. Any change in the total of unusual costs will be reflected by a change in the surcharge.

Quinine.—All cinchona bark products now bear a surcharge. To official schedule prices is added a surcharge of 4c. per ounce to cover present war risk insurance, ocean freight rates, and other higher costs beyond the usual costs of business. Future changes in war risk, freight rates, and unusual costs will be reflected in the surcharge. The surcharge will be billed as a separate item. This scheme is a new way in handling costs resulting from war.

Rochelle Salt.—Values lacked further change, but they were strong. Until replacement cost shall be eased by a more favorable cost of production, buyers can expect nothing but a strong and possibly advancing market. The call remained active.

Saccharin.—War usually raises prices

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(Synthetic)
is identical in quality, purity and capacity for camphor action . . .
for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.
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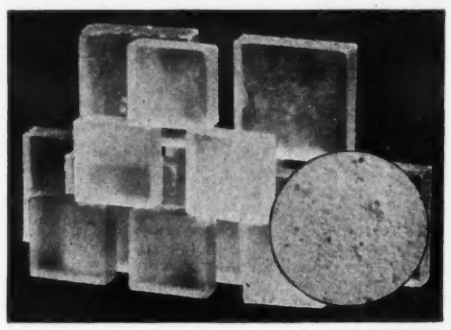

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HIGH PHENOL COEFFICIENT
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TRONA MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

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— a thoroughly anhydrous product
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Crystals and Powder

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

for this item. It reached $40 per pound in the World War period. There is no domestic production at that time, however. At present an almost unlimited supply can be turned out. The leading makers declare that prices will hold unchanged just so long as actual production cost makes that possible. The determination to eliminate speculation is deeply founded.

Santonin.—Prices were advanced to $120 to $132 per pound. The supply was not inexhaustible, and the leading holders face conditions that make it necessary to control sales, to the end that domestic needs shall be fully covered.

Seidlitz Mixture.—Values were strong and, in view of the situation in raw material, the outlook was favorable for continued strength of prices. Demand was brisk and well sustained throughout the entire week.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
	Nitrate, Cents.	Bullion— New York, Cents.	London, Pence.
Saturday	29½	39¼	23½
Monday	29½	39¼	23½
Tuesday	29½	39⅛	23½
Wednesday	28¼	37¼	23½
Thursday	27⅛	35¼	23
Friday	27⅛	35	22½

Sulfanilamide.—The advance was anchored to strong moorings and, with demand showing activity throughout the period, the market was in a position where further rise would be not unlikely.

Strychnine.—Business was normally active throughout the past week. Prices were firm at the recent advance, and the position of raw material suggested that values would continue in that position.

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MANUFACTURERS OF FINE CHEMICALS
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Carey PRODUCTS
Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
THE PHILIP CAREY CO.
Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

F.T.C. Order Upheld In A.&P. Brokerage Case

—Continued from page 3

lowed to a buyer on his own purchases, that that paragraph absolutely prohibited the payment of such brokerage; that paragraph (c) was entirely independent of paragraph (a), the general price discrimination paragraph of the act, that paragraph (c), as construed and applied by the commission, was not violative of the Constitution.

The commission's order prohibited the Great Atlantic company from purchasing commodities at so-called net prices which involved a price concession in lieu of brokerage, from accepting so-called quantity discounts, or other types of discounts, granted in lieu of brokerage, and from accepting discounts and payments of all kinds representing, in whole or in part, brokerage on its own purchases.

Colombia Railroad Wants Drugs

A railroad company in Colombia desires to purchase medical products valued at between $30,000 and $40,000 to satisfy its 1940 requirements, according to an announcement by the Chemical Division of the Department of Commerce. Products required are medicinals, medicinal chemicals, pharmaceuticals, biologics, and essential oils. Full details concerning this matter will be furnished to any American firm upon application to the Chemical Division, Department of Commerce, Washington.

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Botanical Drugs, Spices, and Gums

Botanicals Advance Sharply in Feverish Market—Arrival of Heavily Bought Futures Uncertain — Few Steamers Leave Europe —Stocks Here Shrink Steadily—Spot Trade Large

A feverish market of high demand and advancing prices featured botanical drugs last week. Buyers forced the market constantly, demanding spot deliveries and placing large orders for goods to arrive later.

Consumers' orders for later deliveries were being accepted here with the definite understanding that spot dealers give no guarantee of the goods arriving. Orders were accepted abroad, but foreign sellers accepted such business with the understanding that their responsibility did not extend beyond making every effort eventually to start the goods moving to this market.

Goods actually on spot were highly valuable merchandise. Deliveries out of spot stocks were the only deliveries on which buyers could rely and if dealers did not ration spot supplies, the spot stocks would be quickly exhausted. Therefore, quantities demanded on firm orders were reduced inexorably, dealers cutting orders received according to the pattern of stocks in hand for the purpose of covering the requirements of as many buyers as possible.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	1,544
Belladonna	...	220
Caraway	1,864	23,159
Cardamom (cases)	32	1,077
Celery	...	1,726
Coriander	195	10.742
Cumin	278	3.052
Digitalis leaves (cases)	...	...
Dill	...	1,026
Fennel	421	1,401
Henbane leaves (bales)	...	126
Mustard	...	16,690
Poppy	...	24,817
Sage leaves (bales)	...	1,237
Sesame	1,846	14,913
Stramonium	299	389
Thyme	40	1,081

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aconite root, 15c. per lb.
Althea root, 14c. per lb.
Angelica root, imported, natural, 40c. per lb.
twisted, 70c. per lb.
Belladonna leaves, 1c. per lb.
root, 7c. per lb.
Barberry root bark, 14c. per lb.
Canella alba bark, 5c. per lb.
Cinchona bark, USP quill, 10 inch, 2c. per lb.
20 inch, 10c. per lb.
broken quill, USP, 5c. per lb.
Cocciliana bark, 28c. per lb.
Chamomile flowers, Hungarian, 20c. per lb.
Roman, 20c. per lb.
Clover tops, 20c. per lb.
Conium leaves, 11c. per lb.
Dandelion root, 4c. per lb.
Eucalyptus leaves, 5c. per lb.
Ergot, 25c. per lb.
Gentian root, whole, 6c. per lb.
ground, 6c. per lb.
powdered, 6c. per lb.
Henbane leaves, 5c. per lb.
Henna leaves, whole, 6½c. per lb.
powdered, 3c. per lb.
Ipecac root, whole, 5c. per lb.
powdered, 5c. per lb.
Jalap root, whole, 3c. per lb.
powdered, 3c. per lb.
Linden flowers, with leaves, 10c. per lb.
without leaves, 20c. per lb.
Lovage root, foreign, 15c. per lb.
Lycopodium, $1.50 per lb.
Musk root, 30c. per lb.
Manna, small flake, 15c. per lb.
Papain, powdered, 80c. per lb.
Rose flowers, red, 75c. per lb.
Saffron flowers, Spanish, $6 per lb.
Senega root, 6c. per lb.
Senna leaves, T. V., No. 1, 2c. per lb.
No. 2, 2c. per lb.
No. 3, 1½c. per lb.
powdered, 1c. per lb.
pods, 3c. per lb.
Soap bark, whole, 5c. per lb.
crushed, 2c. per lb.
cut, 7c. per lb.
powdered, 10c. per lb.
Thyme leaves, 3c. per lb.
Valerian root, 7c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.0	**162.0**	**126.2**	**121.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The advance continued and by the close of last week values were very firm on the basis of 31c. to 32c. per pound for Para, and 32c. to 33c. for South American balsam.

Tolu.—Sales were made at 50c. to 52c. per pound and the higher price came in a market fully as strong as that prevailing during the past fortnight or so. Demand was good.

Barks

Barberry.—Root bark was higher at 37c. to 39c. per pound, a sharp rise that emphasized the fact that war has made it impossible to depend on further supplies from the source.

Canella Alba.—Sales were made at 45c. to 46c. per pound and the market of strong undertone was connected with shrinkage in spot stocks and difficulty in placing goods sold.

Cinchona.—Broken quill was higher at 33c. to 35c. per pound. Ten-inch U.S.P. quill was up to 72c. to 74c. per pound; twenty-inch, either thick or medium, 75c. to 80c. The cost to import has risen with the higher transportation and insurance charges. Also, steamers from Europe were few.

Cocciliana.—Business was active and stocks shrank sharply as prices rose to the level of 48c. to 50c. per pound. Some were entirely without supplies.

Soap.—South America reported inability to ship anything. Spot goods were revalued to 22c. to 23c. per pound for whole; crushed, 26c. to 27c.; cut, practically unobtainable at any price, with 35c. having been paid; powdered, 30c. to 31c.

Beans

Tonka.—Import costs have been increased by the rise in ocean and war risk insurance rates. The spot market was strong, and under good request the trend of values was upward.

Vanilla. — The market was forced higher in the closing days of the previous week. Bourbon and Mexican whole beans were priced at $6.50 to $7 per pound. Mexican cuts and South American beans stood at $6 to $6.25. The generative force behind the rise was the war that has raised not only first costs in primary markets, but also the cost of transportation and war risk insurance.

Berries

Juniper.—Spot berries of good quality were priced at 11c. to 12c. per pound. Shipments from Central Europe were subject to delays caused by the war.

Sloe. — This product of Russia was higher at 20c. to 22c. per pound, and continuous arrivals or replacement stocks depended on establishment of shippings based on war-time conditions in Europe.

Flowers

Chamomile.—Any sort or variety of this article commanded 60c. to 65c. per pound in the open market and deliveries were difficult to obtain. Replacement must come from Europe, and prompt shipment from primary markets has been stopped.

Clover. — This European item was bought at 38c. to 40c. per pound in place of the 12c. price at which it had been available last Summer. Little was available.

Linden.—Flowers with leaves were priced at 45c. to 46c. per pound while those without leaves were held for 50c. to 51c. per pound, and there was very little in reserve on spot.

Rose.—Red flowers were held at $3.50 per pound and there was little assurance that spot stocks could be renewed when exhausted.

Saffron.—The round price of $50 per pound was asked for Spanish goods and those with goods in hand said that the end was not in sight unless further stocks be pried loose from either Spanish or French holders.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Gums

Aloe.—All varieties were strongly held, but high prices have tempered prompt delivery demand to a considerable extent. However, there seemed nothing likely to make for lower prices in the nearby future.

Asafetida. — Stocks were in strong hands. Replacements were directly subject to conditions originating in the war, and hence spot holders were not at all anxious to sell. Reserves were in moderate supply.

Arabic.—A strong market kept prices tending upward and reports constantly mentioned sales at somewhat extraordinary figures. The fact was that sellers were faced with a high cost of replacement and knew not when normal arrivals from the source would be possible.

Myrrh.—Quotations went to 77c. to 78c. per pound, and prominent quarters reported sales easily made at that limit. There was a lively coverage of requirements behind the boost in prices.

Herbs and Leaves

Belladonna.—The situation was acute but not to the extent noted in other and less important items. The market was 30c. to 31c. per pound, up slightly and strong at the end of last week.

Conium.—This not especially vigorous item has become vitalized by the war and on spot the asking price last week was 32c. to 33c. per pound.

Eucalyptus.—Countries supplying this item were either at war or just recovering from one. Shipments were uncertain to bring the spot price to the basis of 13c. to 15c. per pound.

Henbane.—The market was 40c. to 42c. per pound with stocks being so low that it was entirely a sellers' market. Where further shipments are to come from in normal quantities was a mystery; ordinary sources have been swept into the war arena.

Henna.—Whole was priced at 17c. to 19c. per pound and powdered stood at 20c. to 22c. Egypt supplies the item. That tells the story of lack of steamers, transport through the Mediterranean—or clear around the Cape of Good Hope.

Senna.—T. V. leaves come from India. Transport charges are up and steamer space hard to get. No. 1 was quoted 14c. to 15c. per pound; No. 2, 12c. to 13c.; No. 3, 10c. to 11c.; powdered, 13c. to 14c.; pods, 13c. to 14c.

Miscellaneous

Cantharides. — Russian whole flies were held for $3.25 to $3.30 per pound following sales at $3.10. Powder went to $3.75 to $3.80. Chinese flies were lower at 90c. to 95c. per pound for whole and $1.10 to $1.15 for powder.

Ergot.—Spanish and Portuguese shippers continued to stand pat, realizing their exceptional position of being the sole source of supplies. Spot quotations went to $2.75 to $2.85 per pound with sellers offering little.

Lycopodium.—The days of the World War were back. This article was quoted $4 to $4.25 per pound. Once stocks are gone, the market was likely to remain bare.

Manna.—Small flakes were advanced to 55c. to 60c. per pound. Large flake held unchanged at 60c. to 65c. Eventually, the government controlled stocks in Italy may float to the world but in the meantime, Italy is realizing on her position. In the meanwhile, there was American mannitol of 99 percent purity available at 42c. per pound.

Papain.—The spot market was $2.10 to $2.15 per pound notwithstanding reports, unconfirmed, of spot goods being available for less money. The replacement cost in the Far East has advanced sharply.

Roots

Aconite.—The market was 50c. to 55c. per pound and a strong situation was governed by uncertainty of replacement and shrinkage of spot stocks.

Althea.—Cut root was in high request and 52c. to 54c. per pound was a strong indication of the uncertainty of replacement or cost thereof. Also, of the ready market developed here.

Angelica.—Cordial makers found imported, natural root held for 80c. to 85c.

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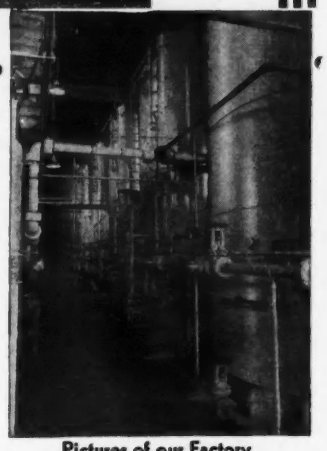

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per pound; twisted, $1.25 to $1.30. And none too much root was offered at these limits because once stocks are exhausted, their replenishment was doubtful.

Belladonna. — A sharp rise brought the market to 40c. to 45c. per pound, and there was a wide and pressing demand that is likely to make any domestic root highly valuable unless shipments be assured from Europe.

Dandelion.—Countries supplying this article are directly involved in the war. The price here went to 26c. to 28c. per pound.

Gentian.—Stock food manufacturers found the market mounting. Whole went to 20c. to 22c. per pound; ground, 23c. to 25c.; powdered, 25c. to 27c. France, Italy and Spain are uncertain sources for further replacement operations.

Jalap. — Mexicans have been raising their market and spot prices have followed to the basis of 24c. to 26c. per pound for whole, and 28c. to 30c. per pound for powder. And there is no war in Mexico to account for the rise.

Lovage.—Foreign root was held for 60c. to 65c. per pound because little assurance of continued arrival of replacement purchases was present last week.

Musk.—This Russian product went to 65c. to 70c. per pound, recalling the days when 6c. per pound was backed by slow moving and ample stocks.

Valerian.—The item comes from Belgium. Spot quotations were 27c. to 29c. per pound—which shows that the Belgians realize their position with its peril that war may prevent maturity of another crop.

Seeds

Anise.—Spanish seed advanced to 28c. to 29c. per pound, and the star variety went to 20c. to 21c. Both were in light supply and excellent demand.

Caraway.—The market was strong at 16½c. to 17c. per pound, done, and with more business in sight.

Celery.—French seed at 27½c. to 28c. per pound, and Indian at 23½c. to 24c. constituted materials in good request and obtainable in primary markets distinctly firm.

Coriander.—The market was up to 7½c. to 8c. per pound for natural, and to 10c. to 10½c. for the bleached variety.

Dill.—Recleaned seed fetched 15c. to 16c. per pound, a further and substantial advance in price.

Mustard.—Scarcity of most varieties gave the opportunity to sellers of California brown seed, which was advanced to 9½c. to 10c. per pound. Danish yellow was 15½c. to 16c. per pound. None other was offered.

Poppy.—Dutch seed was advanced to 27c. to 28c. per pound. No Polish was available, disappearing almost at the time when Warsaw fell to the German army.

Spices

Cassia.—Batavia shortstick was higher at 15c. to 16c. per pound; broken, 14c. to 15c.; buds, 15c. to 15½c.; extra select China, broken, 11c. to 12c.

Clove.—Prices held unchanged, but the market was largely nominal.

Cinnamon.—A sensational rise made the spot market 22½c. to 23c. per pound for No. 2 Ceylon, and 21½c. to 23c. was the price for No. 3.

Mace.—Banda went to 65c. to 67c. and Siauw was up to 59c. to 60c.

Paprika.—Portuguese extra fancy was priced at 32½c. to 33c. per pound; fancy, 31½c. to 32c. Neither Hungarian nor Spanish changed in price, but the quoted market was largely nominal.

Pepper.—The feature was the rise of Mombassa chillies to 40c. to 45c. per pound. The goods had been offered at 19c. per pound September 1. Black peppers lacked development. So did whites.

Trading in black pepper futures on the New York Produce Exchange from September 23 to September 29, inclusive, comprised 329 contracts, a total of 11,054,400 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.02	3.96	3.89@4.00
March	4.55	4.01	4.01@4.25
April	4.47	4.23	4.06 nom.
May	4.68	4.12	4.12 sale
July	4.69	4.19	4.21 sale
October	4.15	4.15	3.75@4.00
December	4.41	4.10	3.86@4.00

Philadelphia Wholesale Drug Company has called for payment November 1 at 102½ and interest $75,000 of the first mortgage 5 percent extended bonds, due May 1, 1947, at the Northern Trust Company, Philadelphia.

Tropical Milling Moves To Larger Brooklyn Quarters

The Tropical Milling Corporation, this city, has moved its plant to 575 Johnson avenue, Brooklyn, where more room has permitted installation of new machinery to insure rapid production of uniformly milled cube, timbo, and derris roots. The plant is completely electrified and contains the most modern of collection systems. Special kilns for drying the roots have been provided.

W. L. Schultz, president of the company, has been long associated with the insecticide industry in Florida, having served B. K. Pancoast, of Gainesville, Fla., as vice-president and treasurer.

Fritzsche Names Rockafellow To Succeed Bodebender in La.

William Bodebender, for many years manager of the New Orleans office of Fritzsche Brothers, Inc., essential oils and aromatics, this city, has retired because of ill health. He will be succeeded by N. D. Rockafellow, son of Mr. Bodebender's late partner, J. D. Rockafellow. The younger Rockafellow has been assisting Mr. Bodebender for some time.

Cosmetic Tax Regulations Published

—Continued from page 3

ing and selling expenses may be deducted from the price for tax purposes if adequate records are kept to establish these expenses.

Another change provides that shampoo oils and liquids containing 5 percent or less of saponaceous material are taxable as toilet preparations rather than free of tax as soap.

The regulation definitive of arm's-length transactions is as follows:—

With respect to sales by a manufacturer to a selling corporation made after June 29, 1939, the transaction shall be presumed prima facie to be otherwise than at arm's length, if either the manufacturer or the selling corporation owns more than 75 per cent of the outstanding stock of the other, or if more than 75 percent of the outstanding stock of both corporations is owned by the same persons in substantially the same proportions. In all other cases, sales by a manufacturer to a selling corporation made after June 29, 1939, shall be presumed prima facie to be at arm's length unless the facts of the particular case establish a conclusion to the contrary.

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This is an outstanding Fritzsche specialty. Employed in seasoning and especially in the pickling of processed dills, it imparts the exact flavor character and aroma of true dill weed from which it is derived. Used in combination with the latter it effects a richer and better rounded flavor than dill weed used alone . . . This year's crop, judging from shipments thus far received, is of excellent grade, but not over plentiful. We believe it advisable, therefore, to negotiate your season's requirements *without delay*.

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Essential Oils, Aromatic Chemicals

Essential Oil Price Trend Still Upward—Cargo Space and Steamers Hard to Get — Demand Holds Heavy — Sales on Basis of Normal Purchases

Price trend in essential oil continued upward last week. Throughout the entire period, demand pushed actively for satisfaction out of spot stocks and since these have shrunken much during the past three weeks, sellers were more than ever reserved in making offerings and accepting orders. The tendency was to sell not more than normal requirements of consumers.

Of course, there were exceptions to this general rule. As usual, the favored customer stood a chance of getting favorable treatment but at the best, the physical size of unsold stocks served as a check on deliveries in excess of normal consumer needs.

The replacement position of most oils was still fogged. Prices could often be obtained from foreign markets but goods were offered subject to delays in shipping—shipment "if and when" was the common proviso in foreign offerings. Furthermore, all ocean freight and war risk insurance rate changes to the time of actual despatch to sea were for the account of buyer. It was therefore as difficult as ever to know actual replacement cost.

Difficulty in getting cargo space and steamers was reported an additional hinderance to business during the period. Everything abroad was subordinate to the war and the business of war governed at all times. Eventually, there should be more cargo space on ships moving to this country since their best loads will be on voyages from United States coasts.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Birchtar, rectified, 5c. per lb.
Capsicum oleoresin, 25c. per lb.
Caraway, 25c. per lb.
Celery, 25c. per lb.
Cumin, 25c. per lb.
Ginger, distilled, 25c. per lb.
Hemlock, 20c. per lb.
Lemongrass, 2c. per lb.
Orange, Calif., dist., 15c. per lb.
expressed, 10c. per lb.
Palmarosa, 25c. per lb.
Petitgrain, 5c. per lb.
Rosemary, Spanish, 6c. per lb.
Sassafras, natural, 10c. per lb.
Spruce, 20c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essentials oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
87.3	87.0	73.0	69.6

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Bergamot.—In all probability, shipments of this oil will come forward from the primary market, albiet there may be some diffculty in getting cargo space if something has to be sacrificed. There was a strong undertone in all parts of the market.

Birch Tar.—Rectified oil was higher on the nominal base of 65c. per pound. The crude was 25c. nominal. Sellers were not anxious for business since there was doubt of their ability to replace current stocks when they are exhausted.

Capsicum (Oleoresin).—Raw material cost has been advancing. Also, those selling an imported item were faced with the difficulty, if not impossibility, of getting further shipments from Europe. Prices on spot were nominal at $2.25 per pound.

Caraway.—The market on spot continued to rise, activated by conditions arising from the war. Quotations were up to $3 per pound, at which level the market remains nominal.

Celery.—The market was nominally $7.25 per pound. Replacement costs have mounted with a rise in raw material costs, etc. Spot stocks were none too ample and sellers were inclined to restrict quantities delivered.

Coriander.—Changes in the cost of seed imported for distillation have not been excessively sharp, but they are higher and that has placed this item in a much stronger position. Values were still nominal.

Cumin.—Quotations were upped further, ending the week at $7.50 per pound and still holding to a nominal position because of difficulties in figuring replacements. Sellers were reserved.

Eucalyptus.—British needs are likely to be supplied first and hence there is a doubt concerning the balance of stock to be available for export from the primary market. Prices were strongly supported at all points and demand was active.

Ginger.—Cost of production has risen in step with the advance in price of raw material. Oil was raised again last week, reaching the nominal position of $4.50 per pound. It seemed destined for further rise, in the opinion of dealers.

Hemlock.—The market was higher at $1 per pound, a nominal quotation that was subject to further confirmation on submission on inquiries. This was part of the general rise in essential oil values.

Lemon.—Strong undertones governed all aspects of the market. California oil came in for an excellent demand and a large part of domestic requirements were sold by the home manufacturers. Messina oil was strong.

Lemongrass.—Quotations were higher at 57c. per pound nominal. Substantial quantities have been bought to come forward but arrivals were expected to be delayed and hence spot stocks took on added value.

Orange.—California oil was advanced to $1.50 per pound for the expressed item and 90c. for the product of distillation. Imported oils were all strong in undertone and prevailed at levels that in most instances made the California oil the most advantageous purchase. Demand was lively.

Palmarosa.—Shipment cables and general replacement costs were higher, forcing spot quotations up to the basis of $2.75 per pound in a market active as to demand and reserved as to sellers.

Rosemary.—The market was up to 70c. to 75c. per pound on Spanish oil and the available supply was moderate in the extreme. Demand was exceptionally steady throughout the entire week.

Spruce.—The market was nominally $1 per pound but it seemed probable that consumers would experience not too much difficulty in covering all their actual requirements and hence it was felt that values were not "runaway."

Sassafras.—Natural oil was higher at $1.10 per pound and sellers were very reserved. Artificial oil was strongly placed by reason of the prevailing replacement situation. The shipment quotations were high and subject to further rise.

Aromatic Chemicals

Anethol.—The market was firm and active. Available supplies were proving ample to cover present requirements.

Anisic Aldehyde.—This item seemed destined for a higher price level since the cost of raw material has increased. Demand was active.

Citronellal.—The market was firm in price and fairly active as to demand, but there was a lack of coverage extending very far into the future.

Eucalyptol. — The undercurrent was strong based on the present cost of raw material and the rising tendency of the same last week. All sellers were reserved.

Eugenol.—Production cost has risen parallel with mounting cost of raw material. Quotations were $1.90 to $2 per pound.

Menthol.—Japanese material was up to $3.25 to $3.35 per pound on spot. Demand was more active last week.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Ethyl paratoluenesulphoethylanilide
Ethyl paratoluenesulphonate
Ethyl phosphate
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Ethyl phthalate
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Ethyl propionate
Ethyl salicylate
Ethyl sebacate
Ethyl stearate
Ethyl suberate
Ethyl trichloroisobutylacetylsalicylate
Ethyl trichloroisopropylacetylsalicylate
Ethylacetanilide
Ethylaceto-orthonitrochloroanilide
Ethylacetyltetrachloroanilide, asymmetrical
Ethylanilide
Ethylanilide phosphate
Ethyleneglycol monoethylether
Ethyleneglycol monoethylether formate
Ethyleneglycol monoethylether phthalate
Ethyleneglycol monoethylether formate
Ethyleneglycol monomethylether phthalate
Ethylglycol acetate
Ethylglycol phthalate
Ethylidene-3-carboxylate
Ethylmethylsulphone
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Ethylphthalyl ethylglycollate
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Kronilyn
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Kronitone
Lactanilide
Lactylamidophenyl amylcarbonate
Lactylamidophenyl ethylcarbonate
Lactylamidophenyl isobutylcarbonate
Lactylamidophenyl methylcarbonate
Levulose diacetate
Levulose diputyrate
Levulose distearate
Levulose ditartrate
Levulose pentacetate
Levulose tetratartrate
Levulose triacetate
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Methylethenyltrichloramidin
Methylglycol acetate
Methylglycol phthalate
Methylhydroxynaphthyl ketone
Methylisopropylcyclohexane
Methylisopropylcyclohexanone
Methylketobutanol
Methylnaphthyl ether
Methylnaphthyl ketone
Methylnaphthylamine
Methyloxynaphthyl ketone
Methylpentachloroanilide
Methylphthalyl ethylglycollate
Methylphenylurea
Methylphenylurethane
Methyltetrachloroanilide
Methyltrichloroanilide
Methylurea nitrate
Methylxylenesulphonamide, normal
Mollit
Monoacetin
Monoacetochlorhydrin
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Monochloronaphthalene
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Monomethylenesulphonamide

(To be continued)

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Petroleum Solvents Lubricants, Fuels

Petroleum Solvents and Diluents Up in Group 3 and Midwest — Petrolatum, Crude Scale Paraffin Also Advanced —Lubricant Demand Good at Higher Prices

Sharp increases in refinery markets generally, as well as a greatly increased demand, prompted suppliers of petroleum solvents and diluents to advance tankcar and tankwagon prices throughout the Midwest and Midcontinent last week. Late Friday, sellers in the East had not as yet made their move although there was little doubt that they would follow the lead of the others. Light gaseous solvents were also stronger but were unchanged. All grades of petrolatum were advanced, the second increase in three weeks. Domestic white mineral oils will be advanced in the near future, possibly this week. Russian oil quotations were nominal with sellers' stocks practically depleted and only small shipments dribbling in from Belgium.

Gasoline demand was slackening in the major sections of the country, a development expected with the approach of cold weather. All lubricants were very strong. Heating oils were in better demand and Bunker C fuel oil was firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Oil, lubricating, Pa., 2c. per gal.
Paraffin, crude, scale, ¼c. to ½c. per lb.
Petrolatum, ¼c. to ½c. per lb.
Petroleum, crude, Mich., 7c. per bbl.
solvents and diluents, ½c. per gal., basis Group 3.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Cleaners' Naphtha. — Demand continued heavy and the price was very strong.

Lacquer Diluent.—Lacquer manufacturers were active and shipments in good volume. The quoted price was strong.

Petroleum Ether.—Conditions surrounding the market for this material were similar to the general market. Consumers were active and the price was strong.

Petroleum Thinners.—Paint makers were ordering out greatly increased tonnages and there was favorable pressure against the quoted price.

Rubber Solvent.—Tire manufacturers continued to demand a regular supply of this ingredient. The price was strong.

Stoddard Solvent. — The cleaning trade was a bit more interested in offerings and shipments were larger. The price was strong.

V. M. & P. Naphtha.—Similar to thinners, this paint ingredient felt the effects of the Fall painting season and was in heavier demand. The price was seeking higher ground.

Markets at Other Centers

Chicago, Sept. 28.—The petroleum solvent and diluent business is stronger, with sellers quoting higher prices on all grades. Interest on the part of buyers seems to be picking up, with total volume of trade quite good. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 6⅞c. to 7c., tankcar; 18c. tankwagon; petroleum spirits, 5⅞c. to 6c., tankcar; 18.10c., tankwagon; lacquer diluent, 7⅞c. to 8c.; rubber solvent, 6⅞c. to 7c.; Stoddard solvent, 6⅜c. to 6½c., tankcar; 16.4c., tankwagon; V.M. & P. naphtha, 6⅞c. to 7c., tankcar; 17c., tankwagon.

Tulsa, Sept. 28.—The advance of ½c. per gallon in all grades has placed the cleaners' naphtha at 6⅞c. to 7c. per gallon; lacquer diluent, 7⅞c. to 8c.; Rubber solvent, 6⅞c. to 7c.; Stoddard, 6⅜c. to 6½c.; v.m.p., 6⅞c. to 7c.; and blending naphtha, 4¾c. to 5c. per gallon.

Lighter Fractions

Butane.—Stocks were moving out on order in a satisfactory manner. The price was strong at 2½c. to 3c. per gallon in tankcars, basis group 3.

Hexane. — Tankcar quotations were strong at 12½c. per gallon for the normal grade and 14c. for the laboratory, both basis group 3.

Heptane.—Demand was slightly better and the price was stronger.

Pentane.—Sales volume held to previous levels with a stronger price.

Propane. — Shipments were heavier and were mostly the result of a spot demand occasioned by a fear of advancing prices.

Octanes.—This mixture was in a better market position as a result of the heavier demand. The price structure was stronger.

Petrolatums and Waxes

White Mineral Oils.—Domestic material prices were very strong and a general advance will be made in the near future. Russian oil stocks were extremely low, and the only hope of replenishing is with imports from Belgium. Small tonnages of the latter are reported being shipped. The quoted prices were strictly nominal.

Petrolatum.—All grades were advanced, the increases ranging from ¼c. to ½c. per pound. Sales were restricted to regular customers only, and even then were for limited amounts.

Paraffin.—Crude scale white material was advanced 35 to 50 points in New York, but the product was so scarce that the new quotation was no indication of true market conditions. Prices were nominal.

Chicago, Sept. 28.—Suppliers of refined petroleum wax are cautious about offering material, and prices that are reported to be ruling in the trade are considerably higher than those which have been prevailing previously. Buyers are bidding for material and in some cases admit they are unable to obtain what they want. Interest is keen. Ruling prices are:—122-124, 4.55c. to 4.6c. per pound; 125-127, 4.6c. to 4.65c.; 127-129, 4.85c. to 4.9c.; 130-132, 5.15c. to 5.2c.; 132-134, 5.4c. to 5.45c.

Tulsa, Sept. 28.—Crude scale wax was very strong and prices were sharply increased. The 122-24 material was generally quoted at 3.45c. to 3.70c. per pound and the 124-126 at 3½c. to 3¾c. Very few suppliers would sell at anything less than the higher price in each range, however, and all prices were nominal.

Fuels and Lubricants

Gasoline.—There was a fair demand at New York harbor and although there were rumors of sales above the quoted prices no actual advances were made.

Kerosene. — A better demand appeared in the market last week, giving a firmer tone to the price schedule.

Fuel and Gas Oils.—Bunker C. fuel oil was in heavier demand and the price was well-maintained at $1.15 per barrel at New York harbor. Lighter fuel oils were also more active due to the appearance of cold weather.

Lubricating Oils. — Pennsylvania grades were advanced 2c. per gallon, but the market was so besieged with orders that quoted prices were purely nominal.

Crude Oil Price Changes

Major purchasers of Michigan crude advanced prices 7c. per barrel raising the top grade in the Southwestern area to 95c. Posted prices in Louisiana fields were advanced 5c. to 10c. per barrel.

Tankwagon Price Changes

Standard Oil Company of New Jersey advanced kerosene 2c. per gallon to 8.5c. at Norfolk, Va. Major suppliers of petroleum solvents advanced prices ½c. per gallon throughout Midwest and Midcontinent.

Markets at Other Centers

Chicago, Sept. 28.—Strength continues to be evident in the general petroleum market situation, with tankcar gasoline dealings active and prices firm. Kerosene is firmer. Tractor fuel deliveries have been extensive. Furnace oils are holding recent gains, with the consumption period approaching. Heavy fuel oils are showing further improvement.

GASOLINE.—Low octane motor, 4½c. to 4⅝c. per gallon; 63-66 octane motor, 4¾c. to 4⅞c.; 67-69 octane motor, 5c. to 5⅛c.; 70-72 octane motor, regular, 5¼c. to 5⅜c.; 60-62, 400 endpoint, 4½c. to 4⅝c.; 64-66, 375, 4½c. to 4¾c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3⅞c.

FURNACE OILS.—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 prime, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; No. 3, 3c. to 3½c.; 32-36, dark, industrial gas oil, 2¾c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Sept. 26.—The domestic market was firm during the past week, with no change in prices. Foreign inquiries and exports were fair. U. S. motor gasoline was quoted at 6c. and 70-72 octane at 6⅝c.—both quotations being based on a per gallon rate at refinery. The price of kerosene remained unchanged at 7¼c. per gallon at refinery. Bunker C fuel oil was quoted at 90c. per barrel at terminal and 95c. per barrel delivered alongside; Industrial plants were quoted on this grade at $1.36 per barrel, delivered alongside.

Tulsa, Sept. 28.—Spreading of strength in the refined oil markets in the Mid-continent brought increases of ½c. per gallon in all grades of naphthas, solvents and diluents.

GASOLINE.—U. S. motor, third grade, 4½c. to 4¾c. per gallon; 63-66 octane, 4¾c. to 5⅛c.; 67-69 octane, 4⅞c. to 5¼c.; 70-72 octane, 5¼c. to 5½c.

NATURAL GASOLINE. — The 26-70 grade, 4½c. per gallon; 18-55, 5¼c. in Oklahoma and Texas.

KEROSENE.—The 41-45 grade, 3¾c. to 4¼c. per gallon; 42-44, 4c. to 4⅛c.

DISTILLATES.—No. 1 prime white, 3½c. to 3¾c. per gallon and straw is 3⅜c. to 3⅝c.; No. 2 straw, 3¼c. to 3½c. per gallon and dark is 3¼c. to 3⅜c. Gas oils are 2¾c.

LUBRICANTS. — A large demand is again apparent. Bright stock D, 15-25 pour, was at 19c. per gallon.

FUEL OIL.—The 24-28 is 85c. to 95c. per barrel. Residuals are quoted from 50c. to 80c.

United Refining Company will reopen a plant at Warren, Pa., formerly owned by Sloan & Zook Refinery.

Outputs and Quotas

A comparison of Bureau of Mines calculations for September productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended September 23, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	429,300	384,950	†405,900
Kansas	166,300	147,705	†160,500
Texas 1	,408,300	‡1,477,943	1,495,400
Louisiana ...	255,700	235,475	248,550
Arkansas ...	50,700	64,838	65,200
Illinois	248,700	.....	338,750
Eastern	101,300	.....	98,300
Michigan ...	55,000	.....	67,250
Wyoming ...	70,700	.....	65,700
Montana	16,300	.....	16,200
Colorado ...	3,700	.....	3,600
New Mexico.	108,700	100,000	98,700
California ..	596,000	§598,300	617,000
Totals 3	,510,700	.....	3,681,050

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of Setpember. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Oklahoma and Kansas figures are for the week ended 7 a. m. September 20.

‡ This is our interpretation of Texas' net basic allowable for week ended 7 a. m., September 23, and calculated upon the best available information at the time of publication. Calculated net basic allowable subject to change of official order, for the month of September, is 1,381,146 barrels.

§ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

The crude oil advance last week failed to affect figures in this box.

	Sept. 30	Sept. 23	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.147	$1.147	$1.213
Gasoline prices at refineries (at four refining centers) per gallon.....	.052625	.052625	.0459375

Petroleum Production—Motor Fuel Stocks

	Barrels 1939 Jan. 1-Sept. 30	Barrels 1938 Jan. 1-Sept. 30
Commercial crude oil production.....	908,700,000	900,365,600
	Week ended Sept. 30, 1939	Week ended Oct. 1, 1938
Daily average production	3,678,055	3,241,400
	Week ended Sept. 23, 1939	Week ended Sept. 16, 1939
Estimated motor fuel stock total.....	71,020,000	71,869,000
Estimated finished motor fuel stock total.....	65,341,000	65,882,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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'Oil Trust' Probe Hearings Elicit Integration Views

—Continued from page 5

major integrated companies. Dr. Joseph E. Pogue, vice-president of the Chase National Bank, New York, and a recognized expert on the subject of oil conservation and proration, presented as a witness for the committee a specially prepared study of the history of conservation legislation and the way in which proration laws and regulations are applied to different types of fields. From the point of view of efficiency, he declared, any reasonable degree of restriction in the rate of flow in crude oil is preferable to wide-open operations, but every oil pool has some best or optimum rate of flow under which the maximum recovery consistent with economic limitation is obtained. In many prorated fields the rates of output are now approaching their optima, he said, and the limiting of all oil fields to their respective optimum rate would provide the basis for the most efficient realization of petroleum resources.

Proration Methods

The committee was much interested in Dr. Pogue's discussion of the practice of many States in using market demand as a yardstick for proration orders, apparently because of complaints from independent jobbers and others that proration laws are used as a tool by major oil companies to control production and price of crude. Dr. Pogue took the position that the use of market demand as a factor is entirely justified, but that it is a diminishing factor as proration laws become better applied.

For the American Petroleum Institute, John D. Gill, director of the department of economics of the Atlantic Refining Company, Philadelphia, outlined the relationship between the activities of the oil industry and the total national income and dealt with such questions as relation between prices of petroleum products and of other commodities, the broad economics of the industry, and the technologic influences in it.

J. Howard Pew, president of the Sun Oil Company, Philadelphia, presented a lengthy and spirited defense of the oil industry as a whole and of major integrated companies in particular. He was subjected to a barrage of questions which kept him on the witness stand for the better part of two days. Study of the petroleum industry, he declared, would disclose that there is a complete absence of monopoly; natural economic laws are all at work; there is no better illustration of the competitive system in the American industry, petroleum products are the cheapest commodities in general use, there is no need for federal regulation of the industry, and complaints directed against the oil industry are because of conditions brought about not through monopoly but because of competition. He particularly defended integration as an aid to efficiency and in promoting competition and denied that there ever had been any collusion of the major oil companies or that there had ever been anything but the most severe competition among them in all fields of the industry since the dissolution of the old Standard Oil Company in 1911.

Russell B. Brown, counsel for the Independent Petroleum Association of America, concluded today's session by suggesting that major companies be required to segregate earnings from pipeline operations and be prevented from using them for any purpose except for bringing in new production, and not to subsidize marketing operations. He also asked the committee for legislation to permit smaller operators and independent producers and refiners to be relieved from the operations of the antitrust laws to the extent of agreeing on policies which will help them to survive competition from the majors. Several committee members objected that this would be price-fixing, but Mr. Brown said that short of price-fixing the industry could agree on such things as the basis for figuring the cost of production, control of inventories, regulation of drilling, and similar matters.

Fertilizer Materials

Consumers Balk at Meeting Sellers' Prices and Order Sparingly — Several Rough Ammoniates Continue to Advance —Bone Materials Up—Superphosphate Stronger

Although several prices for raw fertilizer materials were advanced, quotations were less steady last week due to the inability of supplies and consumers to come to terms. Sellers tenaciously held to their higher figures while purchasers were determined not to place orders unless prices were lower. For the first time in several weeks a reduction was made and this was undoubtedly caused by conflict between sellers and buyers. The mixing season in most sections of the country does not usually begin until late this month at the earliest, but several producers reported they received orders for immediate shipment of stocks from mixers last week. All price changes were in the rough ammoniate division with the exception of raw bone.

The situation in the Lower South was comparable to that in the Northeast. Advancing prices were meeting the resistance of consumers and, as the Fall needs for fertilizers in the South are comparatively small, buyers were adopting a waiting attitude. The undertone of the market in the Midwest continued strong along with several advances. Tankage and blood offerings were restricted. Reports from Baltimore advised that ordinary superphosphate was being sold at varied quotations, the price in each individual transaction being set by buyer and seller.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, dom., $3 per ton, f.o.b. Chi.
Fish scrap, menhaden, dried, 15c. per unit.
ground, $4 per ton.
wet, acidulated, 50c. per unit.
Nitrogenous material, East Coast production, 25c. per unit.
Tankage, 10 and 15 percent, Chi., $1 per unit.
imp., S. Amer., 5c. per unit.

Reduced

Tankage, unground feeding, N.Y., 25c. per unit.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Dried Blood.—Suppliers were quoting unchanged prices with purchasers unwilling to buy at those figures.

Fish Scrap.—There was a reported sale of dried menhaden at $4.25 and 10c. per unit, 15c. higher than the previous figure. The price was nominal. Ground menhaden was advanced $4 per ton to $58. Wet acidulated scrap was $3.50 and 50c., 50c. above the previous level.

Nitrogenous Material.—The price at East Coast producing points was advanced 25c. to $3 per unit.

Sulphate of Ammonia.—Material will be shipped this month at $27.25 per ton on previously made contracts. Spot orders cannot be accommodated until next month.

Tankage.—Unground feeding tankage was sold in New York at $5 and 10c. per unit which was 50c. lower than the previous figure. In Chicago, however, the price was advanced $1 per unit to $4.50 and 10c. The imported product was advanced 5c. per unit to $3.80 and 10c.

Potashes

Importers were delivering at contract prices but were accepting no new orders. Domestic suppliers reported sufficient stocks for routine delivery at unchanged quotations.

Phosphates

Bone Materials.—Domestic raw bone was advanced $3 per tone to $34, f.o.b. Chicago. Imported raw bone was nominal.

Phosphate Rock. — Conditions surrounding the market were unchanged except for a slight pick-up in shipments.

Sulphur and Pyrites

Sulphur was unchanged in regard to price and demand. Pyrites from Europe were shipped irregularly but some material was available.

Markets at Other Centers

Atlanta, Sept. 27.—The fertilizer market remains disturbed. Advance in prices on some materials is meeting trade resistance. Some of the organic nitrogens are out of reach of the fertilizer trade and the market is left to the feed buyers. Cotton is being harvested under fairly favorable weather conditions, stimulated by an upward price tendency. Fertilizer manufacturers are, therefore, active with collections. Prices are as follows:—

SUPERPHOSPHATE.—52c. per unit, interior producing points.

NITRATE OF SODA.—$27 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$27.50 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $27.50 to $28 per ton.

BLOOD.—$4.25 per unit, Chicago; South America, $3.90.

TANKAGE.—$5.50 and 10c. per unit, basis Chicago.

BONEMEAL.—3 and 50, $32 per ton, Chicago.

NITROGENOUS.—$2.50 per unit, Midwest.

Baltimore, Sept. 27.—The market for crude fertilizer materials continues to be influenced by a rising tendency with current quotations as follows:—

FISH SCRAP.—Several hundred tons were reported sold at $4.25 and 10c. per unit-ton at factory. Menhaden meal is $58 per ton, with Japanese sardine meal about $53.50.

TANKAGE.—This ammoniate is well sold up, with offerings at $5.50 and 10c. per unit-ton. Buying interest is slack.

DRIED BLOOD.—Buying interest is light, with last sales at $4.25 per unit-ton. Buyers are not willing to trade at this level.

SUPERPHOSPHATE.—This material is strong, with every transaction concluded on terms agreed upon between sellers and buyers, so that the trade has no fixed level.

NITROGENOUS MATERIAL.—Imported material quotations have been withdrawn, with other supplies held around $3 per unit.

Chicago, Sept. 26.—An extremely strong market situation has been prevailing for some time and, with buyers still evincing a fair interest, the undertone seems to be holding the same tendency recently noted. Organics have been in a firm market position, with limited amounts offered. Offerings of blood have been withdrawn or restricted. Tankage is restricted, with high prices. Bone materials are strong.

BLOOD.—Principal grade, $4.25 per unit of ammonia.

TANKAGE.—High grade, feeding, $5.50 and 10c.; hoof meal, $3.25; liquid stick, $3 to $3.10.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $26 to $27; 3 and 50 percent, $32; 4½ and 50 percent, $34; grinding hoofs, pigs' toes and waste horn materials, $40 to $45; cattle jaws, skulls and knuckles, $26 to $27; beef cracklings, soft pressed, $52.50 to $55; pork cracklings, soft pressed, $67.50 to $70; hard pressed cracklings, per unit of protein, $1.05 to $1.15.

San Francisco, Sept. 26.—Crude fertilizer materials market last week was limited to what sellers chose to do. There were few offerings. Chemicals were, in most cases, withdrawn and only limited quantities were available. Organics were high and producers were reluctant to move goods. Sellers posted their prices so high that it discouraged business.

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28,30.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, 85c.

AMMONIA PHOSPHATE.—11 percent N. and 48 percent P.A., $54 per ton, cars, ports and $1 per ton extra for delivery inland.

FISH MEAL.—Offered at $60 per ton. Best bids were $55.

TANKAGE.—Unground, fertilizer, wet rendered, domestic, $3.60 to $4 and 10c. per unit-ton, f.o.b. cars, South San Francisco. Dry rendered, ground, $55; unground, dry rendered, $1 per unit of protein.

BONE MEAL.—From $30 to $35 per ton, delivered,

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Obituaries

Andrew A. Holmes

Andrew Allgood Holmes, vice-president of United States Potash Company, this city, died September 23 following a brief illness. He was fifty-nine years of age.

Mr. Holmes, who had been active in the chemical and fertilizer industry since 1922, was born in Rome, Ga. After attending Virginia Military Institute, he received a bachelor of science degree from the University of North Carolina in 1901 and a mechanical engineering degree from Cornell University in 1904.

Following his graduation from Cornell, Mr. Holmes managed the export department of Deloach Manufacturing Company for one year, and then spent another year as chief engineer for United States Brick Company. He was associated with the N. P. Pratt Laboratory from 1906 to 1908, and was president of the Hancock-Holmes Foundry & Machinery Works from 1908 to 1912. For the following four years he was vice-president of the Enterprise Lumber Company, and in 1916 was named secretary and manager of the New Process Gasoline Company.

Underwood & Underwood

Andrew A. Holmes

In 1918 Mr. Holmes joined the engineering firm of E. B. Badger & Son Company and remained there until 1922, when he was named sales manager of the American Potash & Chemical Corporation. He resigned in 1927 to become the special European agent for G. Ober & Sons, who had developed a new method for mining superphosphate. He became sales manager of the United States Potash Company in 1932, and later was named vice-president. Mr. Holmes was a member of the American Chemical Society, the American Institute of Chemical Engineers, the Chemists' Club, this city, the University Club of Chicago and Kappa Sigma fraternity.

Surviving are his wife, Mrs. Leah Britton Holmes of Lansdowne, Pa., and two sons, George B. Holmes, of Winnwood, Pa., and J. B. S. Holmes, of Wilmington, Del.

Edwin H. Watson

Edwin Harry Watson, prominently identified with sale of chemicals in America, died in his home in Plandome, L. I., September 24 after a long illness. He was fifty-six years of age.

A native of Belfast, Ireland, Mr. Watson studied at Trinity College, Dublin, and Methodist College, Belfast, and was admitted to the bar in Ireland in 1901. In 1905 he entered the colonial service in East Africa and during the World War was a district commandant there. He came to the United States in 1917.

Mr. Watson was managing director of Sir William Alexander's group of American companies, among which are American-British Chemical Supplies, Inc., New York; Kay-Fries Chemicals, Inc., New York; and Charles Tennant & Co. (Canada), Ltd., Toronto and Montreal. Before his association with Sir William Alexander in America in 1923, Mr. Watson conducted a chemical brokerage business under his own name.

His wife, Mrs. Guinevere Armstrong Watson, and a son, Harry Desmond Watson, survive.

William V. Webber

William V. Webber, general sales manager of the Evans Lead Corporation, Cleveland, died in a hospital in that city, September 25, after an illness of several months. He was forty-five years of age. Mr. Webber had been affiliated with the Evans organization since its inception in 1919, previous to which he had been associated with the Eagle Picher Lead Company. His wife survives him.

Wallace J. Childs, president of the American La France Foamite Company, Elmira, N. Y., died September 27. He was sixty-five years of age.

Robert Dickson, vice-president of the Benedum Trees Oil Company, Pittsburgh, died of a heart attack September 27. He was fifty years of age.

Charles C. Drueding, a founder of Drueding Brothers Company, chamois manufacturer, Philadelphia, died of a heart attack September 27. He was eighty-two years of age.

Wilfred M. Gates, associated with the Owens-Illinois Glass Company for sixteen years, died September 28 of peritonitis. He was forty years of age.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O
Also 50% K_2O
MANURE SALTS
Approximately 30% K_2O
UNITED STATES POTASH COMPANY
INCORPORATED
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ARSENOUS—200 cs, Mitsui & Co, Amagisan, Kobe
CRESYLIC—105 dms, American Hawaiian S S Co, Montreal City, Bristol
AGAR AGAR—64 bls, Mitsui & Co, Amagisan, Kobe
41 bls, 6,150 lbs, T M Duche & Sons, Hulda Maersk, Shanghai
ALBUMEN, DUCK—56 cs, 13,780 lbs, Henningsen Bros, Hulda Maersk, Shanghai
EGG, HEN—45 cs, 10,942 lbs, Melchers, Inc, Hulda Maersk, Shanghai
ALCOHOL, BUTYL—250 dms, Angelina, Arroyo
DENATURED — 600 dms, C P Chemical Solvents, Angelina, Ponce
41 dms, Bornn Distilling Co, Angelina, San Juan
300 dms, P R Alcohol Co, Angelina, San Juan
ALUMINUM FOIL—19 cs, 5,225 lbs, Rohner, Gehrig & Co, Conti di Savoia, Genoa
AMBREIN—1 cs, Dodge & Olcott Co, American Farmer, London
AMMONIAC SAL, BRICK—30 cs, 3,630 lbs, Tonsbergfjord, Antwerp
ANISE—154 bgs, Public National Bank & Trust Co, Mexico, Vera Cruz
ANTIMONY ORE—2,352 bgs, 265,079 lbs, Bank of London South America, Santa Rita, Antofagasta
ARAROBA POWDER—5 cs, Camamu, Bahia
ARROWROOT—800 bbls, 7,382 bgs, Morningstar-Nicol, Bennestvet, St Vincent
ARTIST'S MATERIAL—8 cs, Gallagher & Ascher, Blommersdijk, Rotterdam
ASBESTOS—700 bgs, Standard Bank South Africa, Sandown Castle, Capetown
101 bgs, American Farmer, London
FIBER, CRUDE—6,134 bgs, Raw Asbestos Distr, Robin Goodfellow, Baira
ASPHALT—12 dms, Manaqui, Trinidad
201 bgs, A V Berner & Co, Siboney, Havana
694 bgs, A V Berner & Co, Seatrain Havana, Havana
REFINED—8,594 bbls, Manaqui, Trinidad
BABASSU KERNELS—10,000 bgs, General Food Corp, Banaderos, Maranhao
BARYTES, LUMP—4 cars, United Color Pigment Co, Seatrain Havana, Havana
BAUXITE ORE—2,490 tons, Republic Mining & Mfg Co, Bennestvet, Paramaribo
BRISTLES—25 cs, F W Von Stade, Potter, Hongkong
5 cs, American Farmer, London
55 cs, S Hirshenhorn & Son, Amagisan, Kobe
20 cs, 3,100 lbs, National City Bank, Hulda Maersk, Hongkong
40 cs, 6,455 lbs, N Wagman & Co, Hulda Maersk, Hongkong
50 cs, 7,750 lbs, Hulda Maersk, Hongkong
68 cs, 11,201 lbs, F H Cone & Co, Hulda Maersk, Hongkong
25 cs, 4,034 lbs, N Wagman & Co, Hulda Maersk, Shanghai
72 cs, 11,721 lbs, F H Cone & Co, Hulda Maersk, Shanghai
24 cs, 3,541 lbs, N Wagman & Co, Hulda Maersk, Tientsin
275 cs, 37,352 lbs, Melchers, Inc, Hulda Maersk, Tientsin
CALCIUM, NITRATE PHOSPHATE—20 bgs, Synthetic Nitrogen Prod Corp, Stavangerfjord, Oslo
CAMPHOR, REFINED—75 cs, Mitsui & Co, Amagisan, Kobe
55 cs, 5,368 lbs, Iwai & Co, Hulda Maersk, Kobe
CARAWAY SEED—100 bgs, M Witsenburg, Blommersdijk, Rotterdam
100 bgs, Levy & Levis Co, Blommersdijk, Rotterdam
300 bgs, Blommersdijk, Rotterdam
100 bgs, Catz American Co, Zaandam, Rotterdam
300 bgs, J F Frank, Zaandam, Rotterdam
CASEIN—1,768 bgs, 233,376 lbs, American Cyanamid & Chem Co, Mormacrey, Buenos Aires
1,418 bgs, 187,176 lbs, A Hurst & Co, Mormacrey, Buenos Aires
1,000 bgs, 110,000 lbs, American British Chem Supplies, Mormacrey, Buenos Aires
1,668 bgs, 220,650 lbs, T M Duche & Sons, Hektor, Buenos Aires
1,454 bgs, 165,850 lbs, American British Chem Supplies, Hektor, Buenos Aires
CASSIA—500 bls, 37,070 lbs, Gillespie & Co, Potter, Hongkong
100 bls, 7,510 lbs, Archibald & Kendall, Potter, Hongkong
100 bls, 6,820 lbs, A G Dunn, Potter, Hongkong
5 bls, Van Norden & Archibald, Potter, Hongkong
500 bls, B H Old & Co, Hulda Maersk, Hongkong
450 bls, Knickerbocker Mills Co, Hulda Maersk, Hongkong
300 bls, Melchers, Inc, Hulda Maersk, Hongkong
700 bls, 80,500 lbs, A G Dunn, Hulda Maersk, Hongkong
BROKEN—500 bls, 59,025 lbs, B H Old & Co, Potter, Hongkong
BUDS—250 bls, B H Old & Co, Hulda Maersk, Hongkong
50 bls, Knickerbocker Mills Co, Hulda Maersk, Hongkong
QUILLS—75 bls, Van Norden & Archibald, Potter, Hongkong
ROLLS—100 bls, 6,830 lbs, O Gerdau Co, Potter, Hongkong
30 bls, 4,080 lbs, Wood & Selick, Potter, Hongkong
100 bls, 6,830 lbs, A G Dunn, Potter, Hongkong
CASTOR BEANS—1,596 bgs, Baker Castor Oil Co, Banaderos, Fortaleza
4,681 bgs, Banaderos, Fortaleza
1,666 bls, Spencer Kellogg & Sons, Banaderos, Parnahyba
1,666 bgs, Banaderos, Parnahyba
CHALK, PRECIPITATED—18 bgs, Davies, Turner & Co, American Farmer, London
100 cks, H J Baker & Bros, Montreal City, Bristol
CHEMICALS—50 bgs, F H Taussig, Blommersdijk, Rotterdam
52 cs, 74 dms, Blommersdijk, Rotterdam
1 dm, Sandoz Chemical Works, Blommersdijk, Rotterdam
34 dms, Hummel Chemical Co, Blommersdijk, Rotterdam
90 bbls, 29,700 lbs, F H Taussig, Mormachawk, Copenhagen
CHEMICALS—2 bbls, 1,172 lbs, F Behrend, Mormachawk, Copenhagen
4 bbls, F Behrend, Drottningholm, Gothenburg
20 bbls, F H Taussig, Zaandam, Rotterdam
5 bbls, C Bruning & Co, Zaandam, Rotterdam
27 dms, Richard Chemical Works, Zaandam, Rotterdam
2 cs, E I Du Pont de Nemours Co, Zaandam, Rotterdam
2 cs, A Maschmeyer, Zaandam, Rotterdam
CHROME ORE—2,005 tons, Philadelphia Natl Bank, Robin Goodfellow, Lourenco Marques
2,537 tons, E J Lavino & Co, Robin Goodfellow, Lourenco Marques
CINCHONA BARK—39 bls, S B Penick & Co, Zaandam, Rotterdam
209 bls, New York Quinine & Chemical Works, Zaandam, Rotterdam
PRODUCTS—200 dms, 244 cs, R W Greeff & Co, Zaandam, Rotterdam
CINCHONINE SULPHATE—40 cs, New York Quinine & Chemical Works, Zaandam, Rotterdam
CLAY—3 bgs, Moore & Munger, Montreal City, Bristol
CLOVES—1 bg, French Line, President Adams, Port Said
COCOA BEANS—4,000 bgs, W R Grace & Co, Camamu, Bahia
3,000 bgs, General Cocoa Co, Camamu, Bahia
1,000 bgs, Guaranty Trust Co, Camamu, Bahia
12,000 bgs, Camamu, Bahia
1,000 bgs, Cristobal, Cristobal
50 bgs, Amor, Curacao
409 bgs, Amor, Porto Cabello
500 bgs, United Fruit Co, Talamanca, Porto Limon
402 bgs, Wessel, Kulenkampf & Co, Talamanca, Porto Limon
500 bgs, Nieschlag & Co, Talamanca, Cristobal
109 bgs, Meyer & Co, Santa Rosa, Porto Cabello
200 bgs, Santa Rosa, Porto Cabello
1,000 bgs, Santa Rosa, La Guaira
650 bgs, Kennedy, Butcher & Co, Robin Goodfellow, Trinidad
680 bgs, Robin Goodfellow, Trinidad
78 bgs, Curacao Trading Co, Borinquen, Trujillo
500 bgs, W R Grace & Co, Santa Rita, Guayaquil
150 bgs, General Cocoa Co, Santa Rita, Guayaquil
500 bgs, W R Grace & Co, Bennestvet, Port Spain
500 bgs, Wood & Selick, Bennestvet, Port Spain
1,000 bgs, Bennestvet, Port Spain
COCONUTS—358 bgs, I L Toledano Corp, Cristobal, Cristobal
150 bgs, Simons French Co, Borinquen, San Juan
25 bgs, Josephine Ramirez, Borinquen, San Juan
371 bgs, Universal Import & Export Co, Angelina, Mayaguez
165 bgs, H Schnell, Angelina, San Juan
1,085 bgs, General Food Corp, Angelina, San Juan
150 bgs, I L Toledano Corp, Angelina, San Juan
650 bgs, Universal Import & Export Co, Bennestvet, St Vincent
COCONUT, DESIC—238 bgs, 264 cs, 164,461 lbs, General Food Corp, Potter, Manila
1,000 cs, 150,000 lbs, Dodwell & Co, Potter, Manila
354 cs, Balfour, Guthrie & Co, Amagisan, Manila
1,040 cs, 130,888 lbs, Wood & Selick, Hulda Maersk, Manila
500 cs, 71,280 lbs, Balfour, Guthrie & Co, Hulda Maersk, Manila
3,841 cs, Durkee Famous Food, Hulda Maersk, Manila
500 cs, Dodwell & Co, Hulda Maersk, Manila
COLORS, COALTAR—7 cks, General Dyestuff Corp, Zaandam, Rotterdam
DRY—2 dms, Stanley Doggett, Zaandam, Rotterdam
EARTH—13 bbls, Baltic Shipping Co, Zaandam, Rotterdam
COPAIBA BALSAM—60 cs, Banaderos, Para
COTTON LINTERS—75 bls, Williamson Prod Co, Camamu, Santos
CUBE ROOT—580 bls, Astoria Importing & Mfg Co, Banaderos, Iquitos
DERRIS ROOT—52 bls, Chase Natl Bank, President Adams, Singapore
CHIPS—160 bgs, E Bibby, President Adams, Manila
DRAGON'S BLOOD—27 cs, Bank of Manhattan, Greystoke Castle, Singapore
4 cs, President Adams, Singapore
DYES ANILIN—27 bbls, L & R Organic Prod Co, Blommersdijk, Rotterdam
35 dms, Sandoz Chem Works, Blommersdijk, Rotterdam
122 bbls, 32,571 lbs, Ciba Co, Conte Di Savoia, Genoa
89 bbls, 1 cs, 32,571 lbs, Sandoz Chem Works, Conte Di Savoia, Genoa
35 cans, 10,168 lbs, Ciba Co, Conte Di Savoia, Genoa
40 bbls, L & R Organic Prod Co, Zaandam, Rotterdam
EGG YOLK, HEN—168 cs, 41,350 lbs, Melchers, Inc, Hulda Maersk, Shanghai
112 cs, 27,720 lbs, Melchers, Inc, Hulda Maersk, Kobe
EPSOM SALT—1 cs, American Farmer, London
FERTILIZER—501 bgs, 55,229 lbs, C Hollingshurst, Hektor, Buenos Aires
FILTER PAPER—5 cs, Aug Giese & Son, Zaandam, Rotterdam
FLEASEED—55 bgs, Laxeed Co, President Adams, Bombay
67 bgs, President Adams, Bombay
10 bgs, President Adams, Marseilles
FULLER'S EARTH—50 bgs, L A Salomon & Bros, Montreal City, Bristol
GAMBIER—260 cs, American Dyewood Co, Greystoke Castle, Asahan
340 bgs, Hammond & Carpenter, Greystoke Castle, Singapore
195 bgs, E E Androvette, Eskbank, Singapore
260 cs, American Dyewood Co, Eskbank, Belawan Deli
GELATIN, POWDERED—100 bgs, T M Duche & Sons, Blommersdijk, Rotterdam
52 bbls, 60 bgs, T M Duche & Sons, Zaandam, Rotterdam
SHEET—30 cs, T M Duche & Sons, Blommersdijk, Rotterdam
GINGER ROOT—3 bgs, Sion Solomon, Borinquen, San Juan
3 bgs, Caribbean Trading Co, Borinquen, San Juan
4 bgs, Josephine Ramirez, Borinquen, San Juan
5 bgs, Simon Cerra, Borinquen, San Juan
2 bgs, Caribbean Trading Co, Seatrain Havana, Havana
10 bgs, Sion Solomon, Seatrain Havana, Havana
GLASS, WINDOW—3,000 cs, National City Bank, Volendam, Antwerp
400 cs, Semon, Bache & Co, Volendam, Antwerp
72 cs, Volendam, Antwerp
GLUE, POWDERED — 144 cs, International Selling Corp, Volendam, Antwerp
GLYCERIN — 32 dms, 24,955 lbs, Hektor, Buenos Aires
GRAPHITE—250 bgs, Bank of Manhattan, Glenbank, Colombo
513 bgs, National City Bank, Glenbank, Colombo
GUM ARABIC—150 bgs, Jacques Wolf & Co, American Farmer, London
150 bgs, Frank Vliet Co, American Farmer, London
100 bgs, National City Bank, American Farmer, London
250 bgs, Innis, Speiden & Co, American Farmer, London
COPAL—800 bgs, O G Innes Corp, Volendam, Antwerp
DAMMAR—210 bgs, O G Innes Corp, Greystoke Castle, Singapore
50 cs, Stroock & Wittenberg, Greystoke Castle, Singapore
50 cs, Gillespie-Rogers-Pyatt Co, Greystoke Castle, Singapore
50 cs, Chase National Bank, Greystoke Castle, Batavia
25 cs, G W S Patterson & Co, Greystoke Castle, Batavia
700 bgs, Thurston & Braidich, Eskbank, Batavia
25 cs, Eskbank, Batavia
70 bgs, Manufacturers Trust Co, Steel Engineer, Singapore
70 bgs, Stroock & Wittenberg, Steel Engineer, Singapore
64 bgs, 50 cs, S Winterbourne & Co, President Adams, Singapore
KARAYA—267 bgs, Thurston & Braidich, President Adams, Bombay
448 bgs, Frank Vliet Co, President Adams, Bombay
133 bgs, Commer Prod Co, President Adams, Bombay
140 bgs, Innis, Speiden & Co, President Adams, Bombay
67 bgs, A D Isbetcherian, President Adams, Bombay
KAURI—50 cs, American Cyanamid & Chem Co, Port Halifax, Auckland
15 cs, Port Halifax, Auckland
LOCUST BEAN—80 bgs, Jacques Wolf & Co, President Adams, Genoa
50 bgs, Paul A Dunkel & Co, President Adams, Genoa
100 bgs, President Adams, Marseilles
TRAGACANTH—418 bgs, E Meer & Co, President Adams, Bombay
GYPSUM, CRUDE—2,500 tons, Thyra, Dingwall
4,500 tons, U S Gypsum Co, Gypsum Prince, Windsor
HENNA LEAVES—22 bls, Peek & Velsor, President Adams, Port Said
HERBS, MEDICINAL—101 bls, S B Penick & Co, Volendam, Rotterdam
57 bls, Peek & Velsor, Volendam, Rotterdam
14 bls, Volendam, Antwerp
INSECTICIDE, LIQ—256 dms, 303 cs, 28,386 lbs, Stanco, Inc, Mormacrey, Buenos Aires
IPECAC ROOT—10 bls, Camamu, Bahia
IRON OXIDE—20 cks, Stanley Doggett, Zaandam, Rotterdam
35 cks, C J Osborn & Co, Zaandam, Rotterdam
224 bgs, Landers-Segal Co, Montreal City, Bristol
KAMALA—16 bgs, J L Hopkins & Co, President Adams, Bombay
LAUREL LEAVES—157 bls, 22,000 lbs, B H Old & Co, Gertrud, Piraeus
75 bls, 11,000 lbs, Gertrud, Piraeus
393 bls, 44,000 lbs, Nea Hellas, Piraeus
LEAVES, MEDICINAL—136 bls, President Adams, Marseilles
LICORICE ROOT—138 bls, P H Petry & Co, President Adams, Marseilles
LITHOPONE — 494 cks, Benj Moore & Co, Blommersdijk, Rotterdam
LIVERMEAL—224 bgs, Port Halifax, Bluff
138 bgs, Port Halifax, Dunedin
MACE — 17 cs, B H Old & Co, Manaqui, Grenada
6 cs, Archibald & Kendall, Manaqui, Grenada
22 cs, Manaqui, Grenada
MAGNESITE, CALCINED—30 dms, Speiden-Whitfield Co, Zaandam, Rotterdam
100 bbls, Innis, Speiden & Co, Zaandam, Rotterdam
MANGROVE BARK—1,270 bgs, Robin Goodfellow, Kilwa, Kisuvani
EXTRACT — 2,500 bgs, President Adams, Singapore
1,500 bgs, Saxe Cutch Corp, President Adams, Singapore
MANNA—15 cs, Clara, Palermo
MATCHES, SAFETY—8,000 crtns, 50 cs, New York Match Co, Drottningholm, Gothenburg
MEDICINAL PREPS—6 bbls, 2,255 lbs, Hoffmann-La Roche, Conti di Savoia, Genoa
1 cs, Park Drug Co, Eskbank, Colombo
5 bbls, C L Huisking Co, Zaandam, Rotterdam
25 cs, Zaandam, Rotterdam
MICA SPLITTINGS—Mica Insulator Co., Glenbank, Calcutta
MURU MURU KERNELS—1,701 bgs, General Food Corp, Banaderos, Para
MUSTARD SEED—150 bgs, Catz American Co, Blommersdijk, Rotterdam
NAPHTHALENE—270 bgs, 59,697 lbs, F R Bertrand, Tonsbergfjord, Antwerp
678 bgs, Montreal City, Bristol
NIGER SEED—337 bgs, Glenbank, Vezagapatam
NUTMEGS—50 bgs, I Harrison & Whitney, Manaqui, Grenada
800 bgs, Manaqui, Grenada
300 bgs, Middleton & Co, Bennestvet, Grenada
150 bgs, McCormick & Co, Bennestvet, Grenada
OIL, BAY—7 cs, Manaqui, Dominica
6 cs, J Manheimer, Borinquen, San Juan
12 cs, D Steengrafe, Borinquen, San Juan
15 cs, Geo Lueders & Co, Angelina, Arroyo
25 cs, Geo Lueders & Co, Bennestvet, Roseau
27 cs, Bennestvet, Roseau
OIL, BERGAMOT—40 cs, Lo Curto & Funk, Clara, Messina
CASSIA—10 dms, 4,704 lbs, Norda Essential Oil & Chem Co, Potter, Hongkong
20 dms, 9,400 lbs, Melchers, Inc, Hulda Maersk, Hongkong
10 dms, Guaranty Trust Co, Hulda Maersk, Hongkong
15 dms, 7,050 lbs, W J Bush & Co, Hulda Maersk, Hongkong
CHAULMOOGRA—5 cs, Glenbank, Calcutta
CHINAWOOD—43 dms, 20,653 lbs, Wah Chang Trading Corp, Hulda Maersk, Hongkong
CINNAMON LEAF—4 dms, Lo Curto & Funk, American Farmer, London
CITRONELLA—11 dms, Glenbank, Colombo
11 dms, Magnus, Mabee & Reynard, Greystoke Castle, Batavia
14 dms, Catz American Co, Eskbank, Batavia
8 dms, Eskbank, Batavia
10 dms, Lo Curto & Funk, American Farmer, London
2 dms, Catz American Co, Steel Engineer, Batavia
CLOVES—12 dms, 2,762 lbs, Potter, Saigon
48 dms, French Line, President Adams, Port Said
COCONUT—961 tons, Philippine Refg Corp, Amagisan, Manila
525 tons, Bankers Trust Co, Hulda Maersk, Manila
COD—50 dms, 50 bbls, Martin Dennis Co, Stavangerfjord, Oslo
CODLIVER—615 dms, H H Rosenthal Co, Mormachawk, Stavanger
75 dms, Mormachawk, Stavanger
120 dms, P R Dreyer, Mormachawk, Stavanger
25 bbls, Schieffelin & Co, Stavangerfjord, Oslo
523 dms, Gunning & Gunning, Stavangerfjord, Alesund
300 bbls, 150 cs, C L Huisking & Co, Stavangerfjord, Aalesund
450 bbls, Scott & Bowne, Stavangerfjord, Alesund
100 dms, Gunning & Gunning, Stavangerfjord, Bergen
11 cs, Westergaard-Berg-Johnsen, Stavangerfjord, Bergen
ESSENTIAL—3 cs, Schodack, Havre
12 dms, Chiriqui, Puerto Barrios
2 cs, Zaandam, Rotterdam
1 dm, Robin Goodfellow, Capetown
34 pkgs, President Adams, Marseilles
FISH LIVER—12 dms, Vitamerican, Inc, Amagisan, Yokohama
518 tins, J D Irwin Co, Amagisan, Yokohama
24 dms, 4,411 lbs, Consumers Import Co, Hulda Maersk, Yokohama
FUEL—62,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
60,000 bbls, Standard Oil Co of N J, Esso New Orleans, Aruba
GERANIUM—10 dms, 1 tin, French Line, President Adams, Port Said
LEMON—2 cs, Lo Curto & Funk, Clara, Messina
LIME DUST—29 half cs, Manaqui, Dominica
15 cs, Bennestvet, Roseau
6 cs, D W Hutchinson & Co, Bennestvet, St Lucia
6 cs, Bennestvet, Grenada
LINALOE—2 dms, Mexico, Vera Cruz
LUBRICATING—100 bbls, Volendam, Antwerp
OLIVE—150 dms, Commi Bank of Greece, Nea Hellas, Piraeus
50 cs, Nea Hellas, Lisbon
300 cs, President Adams, Genoa
65 cs, President Adams, Marseilles
100 dms, Schroeder Bros, President Adams, Marseilles
ORANGE—1 cs, Fritzsche Bros, Cristobal, Port Prince
75 cs, 3,750 lbs, Fritzsche Bros, Cristobal,
75 cs, 3,750 lbs, Fritzsche Bros, Borinquen, San Juan
PALM—Quantity, Belge Belge pour l'Etranger, Greystoke Castle, Belawan Deli
ROSE—1 cs, Ungerer & Co, Conte di Savoia, Genoa
SPERM—99,423 kilos, Bank of Manhattan, Zaandam, Rotterdam
SYNTHETIC—53 cs, 3 dms, Lo Curto & Funk, Tonsbergfjord, Rotterdam
TEASEED—60 dms, 26,361 lbs, Leghorn Trading Co, Hulda Maersk, Shanghai
VETIVER—4 dms, Stein, Hall & Co, Eskbank, Batavia
30 dms, French Line, President Adams, Port Said
ORANGE PEEL—80 bls, J L Hopkins & Co, Clara, Catania
PAINT—26 cs, Harris, Henricksen & Co, Stavangerfjord, Farsund
PAPAIN—38 cs, Chase National Bank, American Farmer, London
22 cs, 1,625 lbs, Chartered Bank of India, Hulda Maersk, Kobe
PAPRIKA—65 bgs, American Farmer, London
PATCHOULI LEAVES — 34 bls, Eskbank, Singapore
PEATMOSS—300 bls, Halfmoon Manufacturing & Trading Co, Blommersdijk, Rotterdam
300 bls, Penson & Co, Blommersdijk, Rotterdam
1,700 bls, Halfmoon Manufacturing & Trading Co, Zaandam, Rotterdam
275 bls, Penson & Co, Zaandam, Rotterdam
PEPPER, BLACK—900 bgs, Greystoke Castle, Batavia
1,000 bgs, Jooster & Janssen, Greystoke Castle, Batavia
300 bgs, Catz American Co, Steel Engineer, Oosthaven
WHITE—250 bgs, Greystoke Castle, Batavia
250 bgs, Eskbank, Batavia
PERFUMERY, SYNTH—4 cs, Blommersdijk, Rotterdam
PETROLEUM, CRUDE—67,157 bbls, New York Trust Co, Marathon, Tampico
94,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
70,000 bbls, Gulf Oil Corp, Mirlo, Tampico
23,218 bbls, Gulf Oil Corp, Bolivar, Las Piedras
50,000 bbls, Standard Oil Co of N J, Esso New Orleans, Aruba
POPPYSEED—400 bgs, Catz American Co, Blommersdijk, Rotterdam
100 bgs, American Bluefriesveen, Blommersdijk, Rotterdam
POTASH NITRATE—500 bgs, Volendam, Antwerp
PRUSSIATE—20 cks, F Rudloff, Zaandam, Rotterdam
72 cks, A V Berner & Co, Zaandam, Rotterdam
50 kegs, Philip Bauer & Co, Zaandam, Rotterdam
PYRETHRUM FLOWERS—157 bls, 31 tons, Robin Goodfellow, Mombasa

CHEMICALS
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QUICKSILVER—55 flasks, Pan American Trust Co, Mexico, Vera Cruz
QUINIDINE SULPHATE—30 cs, New York Quinine & Chem Works, Zaandam, Rotterdam
RHUBARB—12 cs, 3,840 lbs, Melchers, Inc, Hulda Mersk, Hongkong
15 cs, 4,800 lbs, J L Hopkins & Co, Hulda Maersk, Hongkong
ROOT, MEDICINAL—60 bls, Volendam, Antwerp
6 bls, S B Penick & Co, President Adams, Colombo
SAGO FLOUR—1,437 bgs, Stein, Hall & Co, Greystoke Castle, Singapore
3,204 bgs, W R Grace & Co, Eskbank, Singapore
732 bgs, Eskbank, Singapore
SANDALWOOD—50 bgs, Murphy & Beese, President Adams, Bombay
SAWDUST—350 bgs, State Chem Co, Blommersdijk, Rotterdam
SEED, MEDICINAL—158 bls, Volendam, Antwerp
SENNA LEAVES—75 bls, Glenbank, Colombo
50 bls, R J Prentiss & Co, President Adams, Colombo
126 bls, S B Penick & Co, President Adams, Colombo
50 bls, J D Hopkins & Co, President Adams, Colombo
SESAME SEED—26 bgs, Chiriqui, Puerto Barrios
SHELLAC—35 cs, A Hurst & Co, Blommersdijk, Rotterdam
1,100 bgs, Ralli Bros, American Farmer, London
SEEDLAC—100 bgs, Montrose Corp, Glenbank, Calcutta
SILICON CARBIDE—400 cks, American Abrasive Corp, Stavangerfjord, Arendal
SOAP—21 cs, Mary Dunhill, Mormachawk, Copenhagen
TOILET—2 cs, R H Macy & Co, American Farmer, London
SODA, SILICOFLUORIDE—67 cks, 23,584 lbs, W S Gray & Co, Tonsbergfjord, Rotterdam
SULPHATE—420 bgs, 66,000 lbs, W R Grace & Co, Santa Rita, Antofagasta
SOLVENTS—500 dms, C P Chemical Solvents, Angelina, Ponce
SOYBEAN—39,157 bgs, Nailsea River, Vera Cruz
4,222 bgs, Siboney, Vera Cruz
SPONGES—57 bls, American Sponge & Chamois Co, Oriente, Havana
3 bls, S Vollman & Son, Siboney, Havana
SQUILL—100 bgs, Clara, Catania
STORAX—75 cs, Gertrud, Istanbul
SULFORICINOLATE — 57 bbls, 29,647 lbs, Major Forwarding Co, Tonsbergfjord, Rotterdam
SUMAC—350 bgs, Clara, Palermo
TALC—1,080 bgs, 61,020 lbs, East Asiatic Co, Hulda Maersk, Shanghai
TALLOW, INEDIBLE—70 dms, W Weddel, Port Halifax, Auckland
TANKAGE—600 bgs, Guaranty Trust Co, Port Halifax, Dunedin
1,000 bgs, 110,000 lbs, Mormacrey, Buenos Aires
TAPIOCA FLOUR—240 bgs, Rutger, Bleecker & Co, Greystoke Castle, Cheribon
500 bgs, Java American Export Co, Greystoke Castle, Sourabaya
1,103 bgs, Chase Natl Bank, Greystoke Castle, Sourabaya
1,104 bgs, Seligman Co, Greystoke Castle, Pasoeroean
560 bgs, J Lowe Corp, Greystoke Castle, Pasoeroean
4,495 bgs, Greystoke Castle, Pasoeroean
552 bgs, Morningstor Nicol, Eskbank, Pasoeroean
1,333 bgs, Eskbank, Pasoeroean
175 bgs, Chase Natl Bank, Eskbank, Sourabaya
500 bgs, Java American Export Co, Eskbank, Sourabaya
1,043 bgs, Stein, Hall & Co, Eskbank, Sourabaya
2,276 bgs, Stein, Hall & Co, Eskbank, Batavia
712 bgs, Stein, Hall & Co, Eskbank, Cheribon
507 bgs, Aaron D Welds Sons, Steel Engineer, Sourabaya
300 bgs, Catz American Co, Steel Engineer, Batavia
506 bgs, Rutger, Bleecker & Co, Steel Engineer, Cheribon
1,250 bgs, Sino Java Hvg, Steel Engineer, Batavia
TARTAR—245 bgs, Nea Hellas, Lisbon
TIMBO ROOT—210 cs, Geo W Cole & Co, Banaderos, Para
TONKA BEANS—49 cs, Robin Goodfellow, Trinidad
161 bbls, Banaderos, Para
TOLU BALSAM—25 cs, Wessel, Duval & Co, Santa Rosa, Barranquilla
25 cs, Pan America Export & Import Agency, Santa Rosa, Barranquilla
UMBER—24 cks, Stanley Doggett, Gertrud, Alexandria
3 cks, Chase National Bank, Gertrud, Alexandria
110 cks, T H Deutz, Gertrud, Alexandria
80 cks, President Adams, Port Said
VANADIUM—3,018 bgs, 351,898 lbs, Vanadium Corp, Santa Rita, Callao
VALONIA—274 bgs, 55,880 lbs, Gertrud, Izmir
VANILLA BEANS—6 cs, Greystoke Castle, Batavia
1 cs, Bennestvet, Roseau
19 cs, French Line, President Adams, Port Said
19 cs, Bank of Manhattan, President Adams, Marseilles
33 cs, President Adams, Marseilles
WAX, BAYBERRY—25 bgs, Van Oppen Co, Robin Goodfellow, Capetown
BEES—98 bgs, Wessel, Duval & Co, Camamu, Rio de Janeiro
295 bgs, Camamu, Rio de Janeiro
50 bgs, Camamu, Santos
27 bgs, 8,360 lbs, Van Oppen & Co, Gertrud, Alexandria
63 bgs, 12,894 lbs, McMiller Candle Co, Gertrud, Alexandria
10 bgs, Alaverria & Co, Siboney, Havana
19 bgs, Curacao Trading Co, Borinquen, Trujillo

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CARNAUBA—85 bgs, Bank of London-South America, Camamu, Bahia
125 bgs, American Cyanamid & Chem Co, Banaderos, Parnahyba
201 bgs, Innis, Speiden & Co, Banaderos, Parnahyba
376 bgs, Bank of London-South America, Banaderos, Parnahyba
526 bgs, Strohmeyer & Arpe Co, Banaderos, Parnahyba
246 bgs, Banaderos, Parnahyba
VEGETABLE—50 bgs, Mecke & Co, Talamanca, Cristobal
100 cs, Mitsui & Co, Amagisan, Kobe
WOODFLOUR—400 bgs, State Chem Co, Blommersdijk, Rotterdam
700 bgs, Burnet Co, Mormachawk, Kotka
1,000 bgs, Burnet Co, Stavangerfjord, Fredrikstad
1,000 bgs, B L Soberski, Stavangerfjord, Fredrikstad
ZINC OXIDE—150 bbls, Orbis Product Corp, President Adams, Marseilles
150 bbls, American Cyanamid & Chem Co, President Adams, Marseilles

New York Transit Imports

ACETYLMETHYL CARBINOL—1 cs, Zaandam, Rotterdam, Buffalo
COLORS, DRY—5 dms, Blommersdijk, Rotterdam, Kingston
DIACETYL—2 cs, Zaandam, Rotterdam, Buffalo
DYES, ANILIN—16 bbls, 2,356 lbs, Gondrand Shipping Co, Conti di Savoia, Genoa, Toronto
56 bgs, 43 cans, 54,296 lbs, Gondrand Shipping Co, Conti di Savoia, Genoa, St Bernardo
33 bbls, 9,831 lbs, Gondrand Shipping Co, Conti di Savoia, Genoa, Montreal
ERGOT—20 cs, 2,910 lbs, Eli Lilly & Co, Nea Hellas, Lisbon, Indianapolis
LITMUS—1 ck, American Express Co, Blommersdijk, Rotterdam, Chicago
SPONGES—12 bls, Oriente, Havana, Rotterdam
10 bls, Siboney, Havana, Toronto

Baltimore Imports

AMMONIA SULPHATE — 400 tons, Binnendijk, Rotterdam
BARYTES—4,000 bgs, Examelia, Genoa
BONE PHOSPHATE — 200 bgs, Binnendijk, Rotterdam
BONEFLOUR—2,206 bgs, Binnendijk, Rotterdam
CALCIUM SILICIDE—828 bbls, Tugela, Sauda
CHEMICALS—10 cs, Hokuroku, Osaka
400 bgs, Scanyork, Copenhagen
100 cks, Binnendijk, Rotterdam
600 bgs, City of Flint, Glasgow
CHROME ORE—6,737 tons, Bethlehem Steel Co, Bur, Nuevitas
COCONUT, DESIC—50 cs, Hokuroku, Davao
100 cs, Tai Yin, Zamboanga
FERROMANGANESE—1,050 tons, 1,022 bbls, 167 dms, Tugela, Sauda
GOAT MANURE—850 tons, Bestum, Adicora, Venezuela
IRON ORE—10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
22,500 tons, Bethelehem Steel Co, Marore, Cruz Grande
OXIDE—90 bgs, City of Flint, Liverpool
MANGANESE ORE—3,000 tons, City of Khios, Calcutta
8,000 tons, Tacoma City, Poti
MEDICINAL PREPS—25 cs, Binnendijk, Rotterdam
MOLASSES—1,336,808 gls, Cuba Distilling Co, Cassimir, Port Tarafa
OIL, FUEL—81,044 bbls, Standard Oil Co of N J, Royal Arrow, Aruba
OLIVE—250 cs, Examelia, Leghorn
PETROLEUM, CRUDE—68,102 bbls, Standard Oil Co of N J, Franklin K Lane, Las Piedras
87,716 bbls, Standard Oil Co of N J, Marie Maersk, Las Piedras
POTASH KAINIT—1,032 tons, order, Parkhaven, Antwerp
MURIATE—5,519 tons, Parkhaven, Antwerp
PYRITES—8,351 tons, Olivebank, Huelva
SARDINE MEAL—1,000 bgs, Hokuroku, Kobe
SHELLAC—50 bgs, Malabar, Calcutta
304 bgs, City of Khios, Calcutta

Boston Imports

BONES—2,266 bgs, 294,105 lbs, Swift & Co, Mormactide, Rio Grande
CARAWAY SEED—25 bgs, D & L Slade Co, Blommersdijk, Rotterdam
CASEIN, GRD—84 bgs, 11,112 lbs, Tupman Thurlow Co, Hektor, Buenos Aires
COCOA BEANS—4,000 bgs, 529,104 lbs, Carl M Loeb Rhoades Co, Mormactide, Bahia
498 bgs, Wessels, Kulenkampff Co, Blommersdijk, Rotterdam
EELGLASS—244 bls, Samuel Cabot, Evangeline, Yarmouth
FISHLIVERS—20 cs, Nova Scotia
200 tins, Atlantic Coast Fisheries Export Corp, Naruto, Yokohama
811 tins, Naruto, Yokohama
52 tins, Japan
7 cs, Campbell Marine Products, Evangeline, Yarmouth
HALIBUT—12 cs, from Nova Scotia
SWORDFISH—1 cs, John Nagle, Evangeline, Yarmouth
GAMBIER—121 cs, Littlejohn & Co, Mapia, Singapore
GLUESTOCK—317 bls, E Butterworth, Blommersdijk, Rotterdam
FISH—9 bbls, 2 cs, 44 bxs, J R Poole Co, Evangeline, Yarmouth
1 bbl, Reba Fisheries, Evangeline, Yarmouth
MACE—14 cs, Mapia, Sourabaya
MAGNESITE—300 bgs, Blommersdijk, Rotterdam
MEDICINAL PREPS—10 cs, United Drug Co, Newfoundland, Liverpool
MILK POWDER—200 bgs, Balfour, Guthrie & Co, Blommersdijk, Rotterdam
MICA SPLITTINGS—25 cs, Glenbank, Calcutta
OIL, COD—30 bbls, W J Dodge Co, Newfoundland, St John's, N F
50 cases, Newfoundland, St John's, N F
30 dms, Mormachawk, Stavanger
CODLIVER—220 dms, Mead Johnson & Co, Newfoundland, St John's, N F
510 dms, Denmark
215 dms, Mormachawk, Stavanger
SPERM—10 dms, Kehew Bradley Co, American Merchant, Glasgow
200 bbls, Scotland
PEATMOSS—990 bls, Premier Peatmoss Co, Blommersdijk, Rotterdam
700 bls, Halfmoon Manufacturing & Trading Co, Blommersdijk, Rotterdam
POLISH—2 cs, Mormachawk, Helsingfors
QUEBRACHO EXTRACT—9,880 bgs, 1,068,635 lbs, American Tanners, Hektor, Buenos Aires
SOAP, TOILET—1 cs, Lever Bros, Newfoundland, Liverpool
TAPIOCA FLOUR—273 bgs, National City Bank, Mapia, Sourabaya
TOILET PREPS—1 cs, Lever Bros, Newfoundland, Liverpool
VANILLA BEANS—29 cs, Simons & Co, Newfoundland, Liverpool
WAX, BEES—29 bls, Frank B Ross Co, Blommersdijk, Rotterdam
WOODFLOUR—360 bgs, Burnet Co, Mormachawk, Kotka

Houston Imports

ARSENIC PENTOXIDE—300 dms, Bruzelles, Antwerp
GLASS, WINDOW—770 cs, Leerdam, Antwerp
MUSTARD DROSS—360 bgs, Leerdam, Rotterdam

Los Angeles Imports

ACID, STEARIC—3,020 lbs, Yamakuki, Kobe
AGAR AGAR—1,000 lbs, Yamajuki, Kobe; 530 lbs, Asama, Kobe
AMMONIA PHOSPHATE—1,100 sks, 109,760 lbs, Kingsley, Trail
SULPHATE—1,900 sks, 190,400 lbs, Kingsley, Powell River
ANTIMONY ORE—85,000 lbs, Iquala
CAMPHOR, REFD—1,500 lbs, Amagisan, Kobe; 6 lbs, Awazisan, Kobe
CANARY SEED—397 bgs, 56,000 lbs, West Cactus, Buenos Aires
CHALK, PRECIP—2,000 bgs, 216,540 lbs, Beckenham, Brussels
CHROME ORE—672,000 lbs, Pleasantville, Cebu
CINNAMON—5,000 lbs, President Cleveland, Colombo
COCONUT, DESIC—490 cs, 60,000 lbs, Tai Ping, Philippine Islands; 260 cs, 33,700 lbs, Besholt, Manila; (Pleasantville) 1,000 cs, 135,000 lbs, Philippine Islands; 1,210 pkgs, 145,350 lbs, Manila; 570 pkgs, 57,000 lbs, Tai Ping, Manila
COPRA—2,296,000 lbs, Pleasantville, Cebu
MEAL—4,000 sks, 400,000 lbs, Tai Ping, Manila; 10,000 bgs, 1,000,000 lbs, President Cleveland, Manila
DRUGS, CRUDE—20 lbs, Besholt, Hongkong; 2,790 lbs, President Cleveland, Hongkong
DYE, HAIR—40 lbs, Awazisan, Kobe
GINGER—30 lbs, London
GLASS, SHEET—110 pkgs, 12,620 lbs, Beckenham, Brussels
WINDOW—15 pkgs, 6,440 lbs, Beckenham, Brussels
GREASE, ANIMAL—20 lbs, Silvermaple, India
GUM, COPAL—6,720 lbs, Pleasantville, Singapore
DAMMAR—2,240 lbs, President Cleveland, Singapore
LIME—825 bgs, 40,910 lbs, Kingsley, Vancouver
MEDICINAL PREPS—80 lbs, Awazisan, Kobe; 120 lbs, President Cleveland, Hongkong
OIL, CHINAWOOD—200 dms, 81,000 lbs, Tai Ping, Shanghai; 70 dms, 28,530 lbs, Tai Ping, Hongkong
CODLIVER—75 dms, 17,030 lbs, Thorstrand, Bergen
EUCALYPTUS—2,150 lbs, Monterey, Melbourne
NUT—100 dms, 40,000 lbs, President Cleveland, Hongkong
PAINT—6,170 lbs, Amerika, Christiansand
PERFUMERY—30 lbs, Paris
QUEBRACHO EXTRACT—652 bgs, 69,370 lbs, West Cactus, Buenos Aires
SALT—30 lbs, London
SEAWEED, CRUDE—150 lbs, Awazisan, Kobe
SCHEELITE ORE—250 sks, 18,480 lbs, Ensenada
SESAME SEED—250 lbs, Yamazuki, Yokohama
MEAL—500 bgs, 50,000 lbs Yamazuki, Nagoya
SOYBEANS—1,000 lbs, Awazisan, Yokohama; 2,000 lbs, Awazisan, Kobe
STARCH—750 lbs, Awazisan, Yokohama
TANKAGE—541 bgs, 54,050 lbs, Yamakaze, Buenos Aires
TOILET PREPS—480 lbs, Awazisan, Yokohama; 220 lbs, Awazisan, Kobe; 170 lbs, Frankfort; 10 lbs, Paris
ZINC OXIDE—1,120 bgs, 56,000 lbs, Pacific Pioneer, London; 1,120 bgs, 56,000 lbs, Gregalia, London

Mobile Imports

BAUXITE ORE, CRSHD—2,850 tons, Ada, Paramaribo

New Orleans Imports

AMMONIA , SULPHATE—300 tons, Armour Fertilizer Works, Endicott, Sluiskil
BAUXITE ORE—263 tons, Aluminum Ore Co, Austvangen, Paramaribo
479 tons, Aluminum Ore Co, Austvangen, Port of Spain
CASSIA BUDS—100 cs, Telde, Cristobal
COCONUTS—300 sx, Standard Fruit & S S Co, Cefalu, Ceiba
50 sx, J Meyer & Son, San Pablo, Kingston
640 sx, W R Grace, San Pablo, Kingston
800 sx, J Manton, San Pablo, Kingston
200 sx, Valle & Suero, San Pablo, Belize
400 sx, Fruit Dispatch Co, Sixaola, Puerto Cortez
TALC—500 sx, L Saloman & Bros, Endicott, Havre

Norfolk Imports

AMMONIA, SULPHATE—588 tons, Bradley & Baker, to be discharged at F S Royster Guano Co, dock, Binendijk, Rotterdam
451 tons, Bradley & Baker and Royster Guano Co, Binnendijk, Rotterdam
451 tons, Bradley & Baker, N Y, & Swift & Co, Fertilizer Works, Binnendijk, Rotterdam
134 tons, Bradley & Baker, N Y, and Baker & Bros, N Y, Binnendijk, Rotterdam
89 tons, Davison Chemical Corpn, Binnendijk, Rotterdam
451 tons, Robertson Chemical Corpn and Bradley & Baker, Binnendijk, Rotterdam
361 tons, Swift & Co, Fertilizer Works, Bradley & Baker, Binnendijk, Rotterdam
950 tons, Fertilizer Industries, Bradley & Baker, N Y, Binnendijk, Rotterdam
BONEMEAL—2,000 bgs, 89 tons, Montevideo, Buenos Aires
BONES—1,093 bgs, 58 tons, Montevideo, Buenos Aires
CHEMICALS—100 demijohns, 5 tons, Atlantic Forwarding Co, N Y, Black Heron, Rotterdam
100 demijohns, 5 tons, Atlantic Forwarding Co, N Y, Black Tern, Rotterdam
CLAY, BALL—30 tons, Paper Makers Importing Co, Montreal City, Bristol
COCOA RESIDUE—8,606 bgs, 740 tons, H J Baker & Bros, Black Tern, Rotterdam
3,225 bgs, 256 tons, H J Baker & Bros, Black Heron, Rotterdam
WASTE — 12,500 bgs, 998 tons, Monsanto Chemical Co, Black Heron, Rotterdam
GUM, COPAL SIFTINGS—120 bgs, 4 tons, Black Heron, Antwerp
INDUSTRIAL—65 cks, 16 tons, 1 qtr, 26 lbs, J P Marston Co, Boston, City of Flint, Liverpool
FERTILIZER, ORG NITROG—2 bbls, Black Heron, Rotterdam
LEATHER WASTE—1,000 bgs, Manchester Exporter, Manchester
1,278 bgs, 15 tons, City of Flint, Liverpool
OIL, SPERM, CRUDE—101 dms, 19 tons, Cincinnati Chemical Works, Norwood, Ohio, Black Heron, Rotterdam
PYRITES, IRON—2,700 tons, Pencarrow, Stratoni, Greece
TANKAGE, RENDERED, DRY—1,815 bgs, 89 tons, Armour & Co, Montevideo, Santos
800 bgs, 38 tons, Jos C. Jett, Montevideo, Buenos Aires
TAPIOCA FLOUR—828 bgs, Muncaster Castle, Pasoeroean, Java
254 bgs, Chase National Bank, N Y, Muncaster Castle, Sourabaya
50 bgs, 2 tons, H D Meincke, Chicago, Black Heron, Rotterdam
TEXTILE FINISH—5 cks, American Enka Co, Asheville, N C
3 cks, American Enka Corp, Asheville, N C, Binnendijk, Rotterdam

Philadelphia Imports

BONES, GLUE—347,006 kilos, Mormacrey, Montevideo
CANARY SEED—84 bgs, Aschenbach & Miller Co, Mormacrey, Buenos Aires
CARDAMOM — 121 tins, 12 cs, 14 dms, P H Petry Co, Iriona, Puerto Barrios
CARAWAY SEED—50 bgs, Catz American Co, Black Tern, Rotterdam
CHEMICALS—1,000 bgs, Industrial Sales Co, Black Tern, Antwerp
COCOA BEANS—720 bgs, Lavino Shipping Co, City of Flint, Liverpool
270 bgs, 200 cs, Exiria, Lisbon
COLOR—1 pkg, E I duPont de Nemours & Co, Black Tern, Antwerp
CORKWOOD—635 bls, Armstrong Cork Co, Exiria, Seville
CRYOLITE—3,150 tons, Pennsylvania Salt Mfg Co, Borgfred, Ivigtut
DYEWOOD EXTRACT—3 bbls, American Cyanamid & Chemical Co, City of Flint, Liverpool
FILTER PAPER—9 cs, John Maris Co, Pipestone County, Havre
GLASS, SHEET—5 bxs, Arthur H Thomas Co, City of Flint, Liverpool
GUM COPAL SIFTINGS—70 bgs, J Meyer & Sons, Black Tern, Antwerp
MANGANESE SULPHATE—40 csks, Harshaw Chemical Co, Black Tern, Rotterdam
MAGNESITE, CALC—100 bbls, Innis, Speiden Co, Black Tern, Rotterdam
DEAD, BURNED—6,000 bgs, Naruto, Dairen
MANGROVE BARK EXTRACT—20 bgs, City of Flint, Liverpool
MATCHES, SAFETY—204 ctns, Scanyork, Helsingfors
MOLASSES—1,336,196 gls, Catahoula, Nuevitas
1,333,328 gls, North American Trading & Import Co, Frontenac, Manzanillo
686,136 gls, North American Trading & Import Co, Frontenac, Cienfuegos
OIL, LUBRICATING, WHITE—10 cs, City of Flint, Liverpool
35 dms, Black Tern, Antwerp
MUSTARD SEED—28 dms, Mitsubishi Shoji Kaisha, Naruto, Osaka via Kobe
OSSEIN—2,021 bgs, Black Tern, Antwerp
267 bgs, National City Bank, Black Tern, Antwerp
PETROLEUM, CRUDE—108,931 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
991,360 bbls, Gulf Oil Corp, Leiv Eirikeson, Las Piedras
92,325 bbls, Gulf Oil Corp, G C Broviq, Las Piedras
POPPYSEED—100 bgs, Quaker City Supply Co, Black Tern, Rotterdam
PYRITES ORE—7,570 tons, Eli, Britannia Beach
RAPESEED—500 bgs, First National Bank, Exiria, Constanza
RED OXIDE—230 bbls, F B Vandegrift & Co, Exiria, Malaga
SOAP—12 cs, John Wanamaker, Scanyork, Copenhagen
SODA SILICOFLUORIDE—500 bgs, Sterling Supply Co, Scanyork, Copenhagen
400 bgs, Harshaw Chemical Co, Scanyork, Copenhagen
STARCH, RICE, POWD—50 bgs, Davies-Turner Co, Black Tern, Antwerp
TALC—1,000 bgs, Whittaker, Clark & Daniels, Pipestone County, Bordeaux
TANKAGE—1,016 bgs, National City Bank, Mormacrey, Montevideo
2,098 cakes, 61 bgs, Anita, Buenos Aires
WITHERITE SMALLS—50 tons, City of Flint, Manchester

Portland, Ore., Imports

COCONUT, DESIC—100 pkgs, L W Pennington, President Taft, Manila
DEXTRIN, POTATO — 25 sks, Loch Monar, Rotterdam
GLASS, WINDOW—1,341 cs, United States National Bank of Portland, San Antonio, Antwerp
265 cs, Fella, Leghorn
OIL, CODLIVER—45 dms, Kinney Shipping Co, Benjamin Franklin, Oslo
SODA CHLORATE—1,000 dms, International Selling Corpn, San Antonio, Havre
CYANIDE—350 dms, American Cyanamid & Chemical Corpn, Loch Monar, Rotterdam

San Francisco Imports

ALCOHOL—50 dms, Westco Liquor Products Co, Tosari, Manila
BABASSU KERNELS—11,853 sks, National City Bank of N Y, Evanger, Maranhao
BONEMEAL—500 sks, M W Park & Co, Terukawa, Tsingtao
BONES, GRAN—907 sks and a quantity in bulk, West Cactus, Santos
8,660 sks, West Cactus, Buenos Aires
1,144,445 kilos, Evanger, Santa Fe
BRISTLES—100 cs, H Rosenhirsch Co, President Cleveland, Hongkong
55 cs, B C Ritchie Co, President Cleveland, Shanghai
110 cs, H Rosenhirsch Co, President Cleveland, Tientsin
52 cs, B C Ritchie Co, President Cleveland, Tientsin
9 cs, F H Cone & Co, President Cleveland, Kobe
72 cs, P H Cone & Co, President Cleveland, Hongkong
174 cs, F H Cone & Co, President Cleveland, Shanghai
55 cs, Adolphe Hurst & Co, President Cleveland, Shanghai
CANARY SEED—165 sks, Evanger, Buenos Aires
CANDLES—6 cs, North American Mercantile Co, Awazisan, Yokohama
CASSIA—220 bls, S L Jones & Co, President Cleveland, Hongkong
83 sks, French American Banking Corpn, President Cleveland, Hongkong
CHALK, PRECIP—67 sks, H J Baker & Bros, Gregalia, Liverpool
CHARCOAL—25 sks, Evanger, Maranhao
CHEMICALS—232 bbls, Axel Johnson, Gothenburg
CINNAMON, QUILL—50 bls, H M Newhall & Co, President Cleveland, Hongkong
CLOVES—50 cs, President Cleveland, Hongkong

COCOA BEANS—162 sks, Bank of California, N A, Evanger, Para
2,400 sks, West Cactus, Bahia
247 sks, West Cactus, Para
BUTTER—42 cs, Evanger, Bahia
COCONUT, DESIC—3,786 pkgs, J E Lowden, President Cleveland, Manila
5,872 sks, General Foods Sales Corpn, President Cleveland, Manila
906 cs, Balfour, Guthrie & Co, President Cleveland, Manila
600 cs, Wood & Selick, President Cleveland, Manila
3,255 cs, Franklin Baker Co, President Cleveland, Manila
COPRA—400 tons, Mindanao, Manila
DEGRAS—5 dms, L H Butcher Co, Gregalia, Liverpool
FILTER PAPER—10 cs, S Ishimitsu Co, Awazigan, Kobe
FLAVORING POWDER—13 cs, Ning Wah Trai Co, President Cleveland, Shanghai
FLAXSEED—161 sks, West Cactus, Buenos Aires
FLINT PEBBLES—400 sks, Amerika, Copenhagen
FISHMEAL—50 cs, Nippon Co, Yamazuki, Nagoya
GINGER ROOT—100 sks, Barclay's Bank, Amerika, Kingston
10 tubs, S Ishimitsu Co, Awazisan, Yokohama
299 pkgs, President Cleveland, Hongkong
10 pkgs, Fujimoto Co, Yamazuki, Yokohama
GUM COPAL—97 sks, Corn Exchange Bank & Trust Co, President Cleveland, Manila
DAMMAR—10 cs, Tosari, Singapore
HEMPSEED—400 sks, Mitsubishi Shoji Kaisha, Terukawa, Dairen
ISINGLASS—48 bls, T M Duche & Sons, President Cleveland, Shangai
MARGARIN—160 cs, David B Berelson, President Cleveland, Manila
MEDICINAL PREPS—10 cs, Pacific Trading Co, Awazisan, Kobe
5 cs, Fung Chong, President Cleveland, Hongkong
1 cs, Quon Wo & Co, President Cleveland, Hongkong
4 cs, Woo Kee Co, President Cleveland, Hongkong
1 cs, Yee Wo & Co, President Cleveland, Hongkong
2 cs, Kwong Yick, President Cleveland, Hongkong
21 pkgs, Tai Sang Tong, President Cleveland, Hongkong
17 pkgs, Tin Shew Tong, President Cleveland, Hongkong
9 pkgs, Kwong Kee Chan, President Cleveland, Hongkong
5 cs, Wing Hing Chong, President Cleveland, Hongkong
OIL, CASSIA—10 dms, Orbis Products Co, President Cleveland, Hongkong
CHINAWOOD—270 tons, S L Jones & Co, President Cleveland, Hongkong
30 tons, D Hecht & Co, President Cleveland, Hongkong
250 tons, Pacific Vegetable Oil Corpn, President Cleveland, Hongkong
OITICICA—900 dms, R J Roesling & Co, Evanger, Fortaleza
PARAFFIN—2,320 sks, Shell Oil Co, Tosari, Balikpapan (for Alameda)
PEANUT MEAL—2,000 sks, Mitsubishi Shoji Kaisha, Yamazuki, Kobe
1,000 sks, Mitsubishi Shoji Kaisha, Terukawa, Tsingtao
PEANUTS—500 sks, Balfour, Guthrie & Co, President Cleveland, Manila
SHELLED—37 sks, M S Cowen Co, Tosari, Manila
PEPPER, BLACK—249 sks, Bank of California, N A, Tosari, Oosthaven
PYRETHRUM FLOWERS — 50 bls, Buhach Producing & Mfg Co, Yamazuki, Kobe
POWDER—1 pkg, Japan Seed Co, Awazisan, Yokohama
QUEBRACHO EXTRACT — 633 sks, Tannin Corpn, Evanger, Buenos Aires
836 sks, West Cactus, Buenos Aires
RHUBARB ROOT—21 cs, S B Penick & Co, President Cleveland, Shanghai
SESAME SEED—15 sks, Axel Johnson, Corinto
50 sks, American Trust Co, President Cleveland, Hongkong
350 sks, S L Jones & Co, President Cleveland, Hongkong
MEAL — 500 sks, Mitsubishi Shoji Kaisha, Yamazuki, Nagoya
TALLOW—75 dms, Willits & Co, Rosebank, Vancouver
TAPIOCA FLOUR—500 sks, Tosari, Tegal
260 sks, Tosari, Cheribon
333 sks, Tosari, Oosthaven
363 sks, Tosari, Tjilatjap
267 sks, Balfour, Guthrie & Co, Tosari, Pamanoeran
923 sks, Tosari, Cheribon
GRANULATED—111 sks, Bank of California, N A, Tosari, Oosthaven
SEED—300 sks, American Trust Co, Tosari, Sourabaya (for Oakland)
SIFTINGS—23 sks, Bank of California, N A, Tosari, Oosthaven
TAR—100 dms, C J Hendry Co, Gregalia, Glasgow
TOILET PREPS—2 cs, Pacific Trading Co, Awazisan, Kobe
3 cs, North American Mercantile Co, Awazisan, Yokohama
2 cs, Mutual Supply Co, Awazisan, Yokohama
1 cs, J de la Rama, President Cleveland, Manila
1 cs, Tambara & Co, Terukawa, Shimizu
WAX, SPERMACETI—10 cs, Gregalia, Glasgow

Seattle Imports

BARYTES—300 sks, L H Butcher Co, Fella, Genoa
CHEMICALS—40 dms, San Antonio, Antwerp
COCOANUT, DESIC—320 pkgs, Goebel & Pratt Co, President Taft, Manila (transshipped)
GLASS, WINDOW—114 cs, United States National Bank of Portland, San Antonio, Antwerp
194 cs, Fella, Leghorn
MUSTARD—15 dms, Atlantis Sales Corpn, Loch Monar, London
OIL, CODLIVER—170 dms, Benjamin Franklin, Hull
100 dms, International Shipping Co, Benjamni Franklin, Oslo
OCHER—15 bbls, 160 sks, L H Butcher Co, Fella, Marseilles
PERFUMERY—1 cs American Express Co, San Antonio, Havre
SILVER SAND—300 tons, Balfour, Guthrie & Co, San Antonio, Antwerp

Tacoma Imports

FERTILIZER—20 sks, Grocery Products Mfg Co, Loch Monar, London
OIL, CODLIVER—30 dms, Benjamin Franklin, Oslo
POTASH CHLORATE—300 dms, C W Campbell Co, San Antonio, Havre

Tampa Imports

COCONUTS—5,340, W M Delphis, Bonacca 2,700, General Tosta, Belize

Exports from U.S. Ports

New York Exports

ACETONE—1,258 lbs, Buenaventura
ACID, ARSENOUS—390 lbs, Barranquilla
BUTYRIC—226 lbs, Havana
CITRIC CRYST—63 lbs, Bocas Toro
MURIATIC—1,918 lbs, Amapala; 3,860 lbs, Kingston
NITRIC—403 lbs, Cartegena
SULPHURIC—774 lbs, Amapala
ALUMINA STEARATE—1,782 lbs, Oslo
AMMONIA, ANHYD—3,425 lbs, Colon
BABASSU MEAL—487,795 lbs, Oslo
CALCIUM CHLORIDE—24,650 lbs, Havana
CARBON BISULPHIDE—3,990 lbs, Barranquilla
CHALK, PRECIP—61,236 lbs, Liverpool
CHEMICALS—1,450 lbs, Liverpool; 110 lbs, Santiago
CHLORINE, LIQ—2,009 lbs, Cristobal
CORN SUGAR—2,538 lbs, Oslo
SYRUP—26,250 lbs, Havana
CREAM TARTAR—273 lbs, Amapala
CYANAMID—102,000 lbs, Porto Armuelles
CYANIDE—11,000 lbs, San Juan del Sur
DEXTRIN—606 lbs, Cartegena
DISINFECTANT—2,530 lbs, Callao
DYES—5,547 lbs, Glasgow
GLASS, WINDOW—10,408 lbs, Panama; 2,933 lbs, Quepos
GLAUBER'S SALT—2,500 lbs, Amapala
GLUCOSE—4,500 lbs, Havana
GREASE, LUBRIC—1,160 lbs, Porto Barrios; 18,072 lbs, Barranquilla; 496 lbs, Amapala; 8,912 lbs, Valparaiso; 580 lbs, Glasgow; 27,054 lbs, Liverpool; 118,272 lbs, Manchester; 4,954 lbs, Oslo
HYDRO-YDIPHENYL FLAKES — 3,808 lbs, Manchester
INK, PRINTING—2,266 lbs, Barranquilla
LACQUER—1,767 lbs, Oslo
LARD—15,875 lbs, Belfast; 19,588 lbs, Liverpool; 158,258 lbs, Manchester
METHANOL—275 gls, Barranquilla
OIL, CASTOR—510 lbs, Porto Cortez; 255 lbs, Porto Barrios; 1,331 lbs, La Union
CREOSOTE—634 lbs, Buenaventura
FISHLIVER—2,800 lbs, Bergen
FLOTATION—330 gls, Liverpool
LUBRICATING—1,375 gls, Santiago; 440 gls, Cutuco; 3,355 gls, Callao; 200 gls, Tumaco; 660 gls, Bocas Toro; 660 gls, Amapala; 2,670 gls, Panama; 825 gls, Havana; 1,260 gls, Glasgow; 3,575 gls, Belfast; 25,825 gls, Manchester; 13,770 gls, Oslo
PAINT — 1,330 lbs, Barranquilla; 5,232 lbs, Buenaventura; 2,244 lbs, Bergen; 5,536 lbs, Oslo; 10,368 lbs, Glasgow
LIQUID—1,060 lbs, Oslo
PASTE—4,991 lbs, Oslo
PREPARED—7,400 lbs, Quepos; 793 lbs, Puntarenas
THINNER—220 gls, Bergen
PARAFFIN—40,401 lbs, Porto Barrios; 22,244 lbs, San Juan del Sur; 22,983 lbs, Corinto; 2,262 lbs, Havana; 6,100 lbs, Oslo
PECTIN, APPLE—1,560 lbs, Oslo
POTASH, XANTHATE—18,080 lbs, Porto Bolivar
SALT—15,250 lbs, Santiago
SOAP—1,660 lbs, Havana
SODA ASH—3,260 lbs, Banes; 1,962 lbs, Porto Barrios
BICARBONATE—85,672 lbs, Havana; 1,275 lbs, Amapala; 4,400 lbs, San Juan del Sur
SODA CAUSTIC—2,868 lbs, Porto Barrios; 35,950 lbs, Mazatlan; 4,326 lbs, San Juan del Sur
CITRATE—212 lbs, Barranquilla
CYANIDE—3,968 lbs, Porto Barrios
PHOSPHATE, TRI—24,660 lbs, Liverpool; 33,684 lbs, Manchester; 24,680 lbs, Liverpool
SAL—43,680 lbs, Havana
STANNOUS CHLORIDE—1,375 lbs, Havana
STARCH, CORN—6,900 lbs, Havana; 12,600 lbs, Glasgow
WHEAT—1,128 lbs, Havana
TRIPHENYL PHOSPHATE—13,200 lbs, Liverpool
ZINC OXIDE—6,018 lbs, Cristobal

Baltimore Exports

Clearance Dates

Black Heron, September 19; Carolina Thorden, September 23; City of Flint, September 22; Dunelmia, September 20; Estrella, Septembre 22; Irland, September 22; Manchester Exporter, September 18; Mormacport, September 21; San Felipe, September 18; Scanyork, September 22; Talisman, September 22; Trollus, September 22; West Imboden, September 22; Yoro, September 19

ACETONE—485 lbs, San Felipe, Cristobal
ASPHALT—67,286 lbs, Manchester Exporter, Manchester; 134,611 lbs, City of Flint, Manchester
SOLID—208 tons, Manchester Exporter, Liverpool; (West Imboden) 329 tons, Liverpool; 13 tons, Glasgow; 98,980 lbs, City of Flint, Liverpool
CALCIUM ARSENATE—30,000 lbs, San Felipe, Peru
BLUE VITRIOL—24,000 lbs, Yoro, St Marc
COPRA MEAL—300 tons, Mormacport, Oslo
CORN SYRUP—118,637 lbs, West Imboden, Dublin
GLASS FRIT, CRSHD—20,000 lbs, City of Flint, Birmingham
GREASE, LUBRIC—(San Felipe) 8,144 lbs, Chile; 1,350 lbs, Guatemala; 544 lbs, Costa Rica; 10,660 lbs, Black Heron, Rotterdam; (Carolina Thorden) 12,504 lbs, Stockholm; 5,360 lbs, Gothenburg; 1,683 lbs, Finland
INSECTICIDE—(San Felipe) 340 lbs, Costa Rica; 260 lbs, Colombia; 1,089 lbs, Honduras
LIME, HYDRATED—109,700 lbs, Yoro, St Marc
OIL, ENGINE, RED—297 bbls, Manchester Exporter, Liverpool; 634 bbls, West Imboden, Liverpool
LUBRICATING—2,420 gals (Black Heron) Rotterdam; 23,065 gals, City of Flint, Manchester
PAINT—90 gals, Yoro, St Marc
PARAFFIN—65,757 lbs, Scanyork, Copenhagen
PIGMENTS—(San Felipe) 1,100 lbs, Cristobal; 700 lbs, Colon
PUTTY—10,000 lbs, San Felipe, Cristobal
RUTILE—2,300 lbs, West Imboden, Liverpool
SODA ASH—112,000 lbs, Talisman, Manila; (Irland) 1,102,500 lbs, Santos; 169,400 lbs, Rio Janeiro
BICARBONATE—220,440 lbs, Irland, Buenos Aires
SODA, BICHROMATE—112,000 lbs, West Imboden, Glasgow; 73,429 lbs, City of Flint, Manchester
CAUSTIC—(Irland) 350,000 lbs, Santos; 1,318,100 lbs, Buenos Aires; 1,653,400 lbs, Troilus, Netherland East Indies
STARCH—60,480 lbs, Manchester Exporter, Manchester
SUPERPHOSPHATE—(Dunelmia) 4,910 tons, Quebec; 3,794 tons, St John, NB
TANNING EXTRACT—13,493 lbs, City of Flint, Manchester
WHITING—22,400 lbs, Black Heron, Antwerp

Beaumont Exports

Clearance Dates

Benedick, September 14; Britamer, September 14; Narbo, September 19

PETROLEUM, CRUDE—76,831 bbls, Benedick, Bordeaux; 117,279 bbls, Britamer, Montreal
SULPHUR—4 cars, Narbo, Glasgow

Boston Exports

Clearance Dates

American Merchant, September 20; Capulin, September 20; Evangeline, September 18; Newfoundland, September 20

ALUMINA OXIDE—4,510 bgs and 38 kgs, 462,198 lbs, Capulin, London
BAKING POWDER—110 bxs, 45 pails, 7 crts, 6,240 lbs, Newfoundland, St John's, N F
CHEMICAL DISPERSING AGENT—1 cs, 1 kg, 90 lbs, Capulin, London
CLAY—135 bbls and 153 dms, 38 tons, Capulin, London
DISINFECTANT—1 bbl, 50 gls, Newfoundland, St John's, N F
DRESSING, LEATHER—1 dm, 10 gls, Newfoundland, St John's, N F; 10 dms, 3,958 lbs, Capulin, London
CLYCERYL MONOSTEARATE—4 dms, 1,804 lbs, Capulin, London
GREASE, LUBRIC—(Newfoundland) 14 cs, 504 lbs, St John's, N F; 3 cs, 903 lbs, Liverpool; 1 cs, 15 gls, Capulin, London
INK, INDELIBLE—1 pkg, American Merchant, Taunton
OIL, DIST—1 cs, 120 lbs, Evangeline, Lockport, N S
LUBRICATING—14 cs, 455 gls, Newfoundland, Liverpool
WATCH—2 bxs, 28 lbs, American Merchant, London
PAINT—10 cs, 60 gls, Newfoundland, St John's, N F
PARAFFIN—10 dms, 630 lbs, Capulin, London
PINETAR—25 bbls, 10,032 lbs, Newfoundland, St John's, N F
SILICON CARBIDE—32 kgs, 9,623 lbs, Capulin, London
VARNISH—15 cs, 105 gls, Newfoundland, St John's, N F

Corpus Christi Exports

Clearance Dates

Garnet Hulings, September 11; Glittre, September 14; Grena, September 2; Hilda Knudsen, September 5; Languedoc, September 9; Lubrafol, September 14; Minister Wedel, September 10; Murena, September 10; Ranella, September 4

GASOLINE — 34,636 bbls, Grena, Antwerp; 6,640 bbls, Hilda Knudsen, Havre
OIL, FUEL—4,051 bbls, Hilda Knudsen, Havre; 39,371 bbls, Minister Wedel, Gothenburg
GAS—47,819 bbls, Ranella, Curacao
PETROLEUM, CRUDE—99,211 bbls, Hilda Knudsen, Havre; 114,187 bbls, Languedoc, Havre; 30,477 bbls, Minister Wedel, Gothenburg; 87,765 bbls, Murean, Montreal; 78,374 bbls, Garnet Hulings, Marcus Hook; 40,791 bbls, Lubrafol, Gothenburg; 37,897 bbls, Glittre, Naples

Galveston Exports

Clearance Dates

Aaro, September 13; Margaret Lykes, September 13; Monfiore, September 19; Joseph Seep, September 19; Trolleholm, September 15; Uddeholm, September 19; West Cohas, September 13

ASPHALT—5 tons, Margaret Lykes, Cristobal
BLACK, CARBON—(Margaret Lykes) 10 tons, Havana; 5 tons, Cristobal; 1,470 cs, Uddeholm, Gothenburg
KEROSENE—1,150 cs, Monfiore, Naples
MOLYBDENITE CONC—445 tons, West Cohas, Liverpool
OIL, LUBRIC—61 tons, Margaret Lykes, Cristobal
PETROLEUM, CRUDE—10,325 tons, Joseph Seep, Havana
POTASH MURIATE—2,016 tons, Aaro, Windsor
SULPHUR—1,530 tons, Trolleholm, Gothenburg

Houston Exports

Clearance Dates

Aino, September 16; Atlantides, September 14; Duquesne, September 16; Laura C, September 13; Nashaba, September 16; Taurus, September 19; Trolleholm, September 14; West Hobomac, September 16

ASPHALT—49 dms, Trolleholm, Gothenburg; 25 tons, Nashaba, Havre
BLACK, CARBON—(Laura C) 15,916 bgs, 28 cs, Venice; 50 cs, Piraeus via Venice-Trieste; (Trolleholm) 15 cs, Oslo; 545 cs, 1 bg, Gothenburg; 100 cs, Copenhagen; (Duquesne) 10,000 bgs, 90 cs, Liverpool; 1,600 bgs, 635 cs, Manchester; 16,000 bgs, Liverpool-Manchester; (Nashaba) 300 cs, 13,000 bgs, Havre; 50 cs, 3,000 bgs, Antwerp; 100 cs, Rotterdam; (West Hobomac) 45 cs, 4,500 bgs, Havre; 14 cs, Antwerp; (Taurus) 170 cs, 216 pkgs, Oslo; 2,950 cs, 3,702 bgs, Gothenburg; 175 cs, Copenhagen
COTTONSEED MEAL—(Nashaba) 100 tons, Antwerp; 175 tons, Rotterdam
GASOLINE—73,523 bbls, Aino, Vigo
LUBRICANTS—(Trolleholm) 150 pkgs, Gothenburg; 399 pkgs, Copenhagen
OIL, FUEL—10,350 tons, Atlantides, Teneriffe
GAS—4,000 tons, Atlantides, Teneriffe
LUBRICANTS—800 tons, Laura C, Venice

Lake Charles Exports

Clearance Dates

Cranford, September 12; Margaret Lykes, September 15

OIL, LUBRIC—(Margaret Lykes) 14 dms, Valparaiso; 60 dms, Mollendo; 325 dms, Callao
ROSIN—(Margaret Lykes) 472 dms, Valparaiso; 45 dms, Callao; 70 dms, Cartagena
SALT—1,120 sks, Margaret Lykes, Cienfuegos
TURPENTINE, WOOD, DIST—2,758 gls, Cranford, London

Los Angeles Exports

Clearance Dates

Albertolite, September 12; Atago, September 7; Balboa, September 11; Daiiti Ogura, September 10; Falsterbo, September 13; Leme, September 8; Maui, September 7; Monterey, September 13; Rosebank, September 8; Sorholt, September 7; Trondanger, September 5; Washingtonian, September 11

ACETONE—60 dms, 21,480 lbs, Sorholt, Shanghai
ACID, BORIC—(Monterey) 33 pkgs, 3,800 lbs, Auckland; 215 pkgs, 29,120 lbs, Sydney; 48 bgs, 5,380 lbs, Melbourne
ALCOHOL, BUTYL—32 dms, 11,170 lbs, Balboa, London
ASPHALT, CRUDE—150 bgs, 30,240 lbs, Leme, Marseilles
BORATE—2,400 bgs, 456,920 lbs, Balboa, London; 6,957 bgs, 897,350 lbs, Leme, Barcelona/Marseilles
BORAX—(Monterey) 841 bgs, 94,190 lbs, Sydney; 550 bgs, 61,600 lbs, Melbourne; 140 bgs, 13,440 lbs, Atago, Valparaiso
BUTYL ACETATE—30 dms, 11,190 lbs, Balboa, London
CLAY, FILTER—6,000 bgs, 297,930 lbs, Trondanger, Havre; 200 cx, 10,000 lbs, Falsterbo, Germiston
CLEANER—250 lbs, Monterey, Suva; 1,450 lbs, Trondanger, Rotterdam
COLOR, DRY—(Monterey) 1,400 lbs, Wellington; 370 lbs, Melbourne
CORN SYRUP—120 bbls, 87,620 lbs, Monterey, Auckland
DIATOMACEOUS EARTH—(Monterey) 123 sx, 12,540 lbs, Auckland; 181 bgs, 16,730 lbs, Sydney; 538 bgs, 55,150 lbs, Trondanger, Amsterdam; (Balboa) 179 bgs, 17,900 lbs, Hull; 22 bgs, 2,260 lbs, Karlshamn; (Falsterbo) 44 bgs, 4,400 lbs, Capetown; 579 bgs, 55,960 lbs, Durban
ETHYL KETONE—30 dms, 10,980 lbs, Balboa, Helsingfors
GASOLINE—200 cs, Falsterbo, Accra
GUM, CHICLE—235 bbls, 65,220 lbs, Monterey, Sydney
INK, DUPLICATOR—100 lbs, Washingtonian, San Juan
KEROSENE DISTILLATE—34,979 bbls, Daiiti Ogura, Yokohama
LACQUER, COLORED—2,410 lbs, Atago, Mexico
NAPHTHA—40 dms, Rosebank, Victoria
OIL, FISH—850 lbs, Monterey, Auckland
GRAPEFRUIT—140 lbs, Monterey, Melbourne
LEMON—(Monterey) 900 lbs, Melbourne; 300 lbs, Victoria; 300 lbs, Prahran
LUBRICATING—(Monterey) 125 dms, 67 pkgs, Sydney; 73 dms, Melbourne; 10 dms, Washingtonia, San Juan; 50 dms, Maui, Havana; 30 dms, Rosebank, Victoria
ORANGE—(Monterey) 650 lbs, Auckland; 350 lbs, Sydney; 790 lbs, Melbourne; 100 lbs, Victoria; (Trondanger) 3,470 lbs, Marseilles; 1,160 lbs, Rotterdam
PAINT—200 lbs, Monterey, Kelswick
PECTIN, CITROUS—(Monterey) 600 lbs, Sydney; 4,400 lbs, Melbourne
PETROLEUM, CRUDE—63,585 bbls, Albertolite, Vancouver
GAS, LIQ—(Monterey) 140 cyls, 4,510 lbs, Sydney; 67 cyls, 2,140 lbs, Melbourne
POLISH—1,760 lbs, Monterey, Fremantle
RESIN—1,400 lbs, Monterey, Wellington
ROSIN—1,200 lbs, Monterey, Sydney
SOAP POWDER—720 lbs, Rosebank, Vancouver
SODA ASH—1,861 bgs, 200,030 lbs, Rosebank, Vancouver
CARBONATE—2,000 lbs, Monterey, Sydney
SULPHITE—4,800 lbs, Monterey, Sydney
SOLVENTS—52 dms, 20,690 lbs, Sorholt, Shanghai
SOYBEANS—200 lbs, Monterey, Wellington
TALC—100 sks, 11,200 lbs, Balboa, Cartegena; (Maui) 50 bgs, 11,200 lbs, Barranquilla; 91 sks, 11,200 lbs, Havana
TOILET PREPS—(Monterey) 4,000 lbs, Sydney; 650 lbs, Sydney; 990 lbs, Maui, Havana

Mobile Exports

Clearance Dates

Janna, September 10; Lago, September 14; Nordvangen, September 13; Vestvangen, September 11

BARYTES, GRD—(Lago) 6,000 bgs, Port of Spain; 5,000 bgs, Boca Uracao
ROSIN, GUM—10 dms, Janna, Carupano; 20 dms, Nordvangen, Ciudad Trujillo
WOOD—50 dms, Janna, Maracaibo; (Nordvangen) 85 dms, Puerto Cabello; 25 dms, La Guaira
TOILET PREPS—1 cs, Nordvangen, Georgetown
TURPENTINE—(Vestvangen) 15 dms, Kingston; 3 dms, Bridgetown

New Orleans Exports

Clearance Dates

Atlantian, July 11; Cefalu, August 9; 22; Colonial, August 3; Contessa, August 1; 15; 28; Dalvangen, September 1; Janna, September 8; Lago, September 14; Santa Marta, August 29; Vestvangen, September 9

ASPHALT—81 tons, Dalvangen, Ciudad Trujillo
BLACK, CARBON—(Colonial) 1,500 bgs, Manchester; 800 bgs, Glasgow; 400 bgs, Atlantian, Manchester
CALCIUM PHOSPHATE—3 tons, Santa Marta, Puerto Barrios
CARBON DIOXIDE—(Contessa) 53 cyls, 12 dms, Ceiba; 53 cyls, Colon
CLAY, COMMON—4,500 bgs, Atlantian, Manchester
GROUND—1,200 sks, Vestvangen, San Fernando
CLEANER—50 ctns, Janna, Maracaibo
COALTAR—1 ton, Cefalu, Corinto; 6 dms, Janna, Port au Prince
CORN SYRUP—30 bbls, Atlantian, Liverpool
COTTON LINTERS—172 bls, Atlantian, Manchester
COTTONSEED HULL SHAVING PULP—195 bls, Atlantian, Manchester
PITCH—50 bbls, Atlantian, Liverpool
DISTILLATE—150 dms, Cefalu, Ceiba
FIRECLAY—600 sks, Janna, San Nicholas; 12 tons, Cefalu, Havana
GASOLINE, AVIATION—60 dms, Contessa, Puerto Cabezas
GLUCOSE—9 tons, Contessa, Havana

GREASE, GEAR—2 tons, Contessa, Puerto Cabezas
LUBRICATING — 56 ctns, Janna, Port au Prince
INK—2 tons, Cefalu, Havana
INSECTICIDES, HOUSEHOLD—95 cs, Janna, La Guaira
KEROSENE—100 cs, Vestvangen, Kingston; 56 cs, Contessa, Puerto Cabezas
LARD—(Dalvangen) 10 tons, Puerto Cabello; 28 tons, La Guaira; 100 tins, Santa Marta, Puerto Barrios; (Contessa) 2,000 tins, Buenaventura; 50 crts, Puerto Cabezas; 1,350 tins, Guayaquil; 300 tins, Panama; 195 crts, Bilbao; (Cefalu) 2,350 tins, Guayaquil; 250 tins, Panama; (Janna) 400 tins, 60 cs, Port au Prince; 5,800 tins, La Guaira; 110 cs, 350 tins, Oranjestad; 501 tins, Maracaibo
OIL, COOKING—2 tons, Santa Marta, Puerto Barrios
DIESEL—85 tons, Dalvangen, Moengo; 550 bbls, Vestvangen, Moengo; (Contessa) 700 bbls, 10 dms, Puerto Cabezas; 700 bbls, Celba
ENGINE—5 dms, Cefalu, Celba
FUEL—1,150 bbls, Vestvangen, Moengo; 5,300 bbls, Contessa, Celba; 3,500 bbls, Cefalu, Celba
LUBRICATING—10 dms, 10 crts, 25 cs, Santa Marta, Puerto Barrios; (Colonial) 65 dms, Liverpool; 70 dms, Manchester; 65 dms, Atlantian, Liverpool; (Cefalu) 20 cyls, 14 dms, Paita; 9 dms, Celba; 18 dms, Puerto Cabezas; 32 pkgs, Janna, Port au Prince; (Contessa) 10 dms, Mollendo; 140 dms, Talcahuano; 22 dms, Puerto Cabezas; 4 dms, Celba
PINE—25 dms, Atlantian, Manchester
TRANSFORMER—3 tons, Cefalu, Puerto Cabezas
PAINT—140 kits, Janna, Port au Prince; (Contessa) 2 tons, Buenaventura; 1 ton, Colon
LIQUID—2 tons, Contessa, Panama City; 59 ctns, Janna, Maracaibo
PARAFFIN—26 tons, Contessa, Tumaco
SCALE—52 bbls, Colonial, Manchester
ROSIN—(Colonial) 60 bbls, 164 dms, Liverpool; 110 bbls, Manchester; 33 tons, Contessa, Talcahuano
WOOD—(Atlantian) 100 bbls, 10 dms, Liverpool; 20 bbls, Manchester; 7 tons, Contessa, Panama City
SALT—2 tons, Santa Marta, Puerto Barrios; (Contessa) 86 tons, Havana; 7 tons, Puerto Cabezas; 3 tons, Celba; 111 tons, Cefalu, Havana
TABLE—50 ctns, Janna, Oranjestad
SAND—223 tons, Dalvangen, Moengo
SOYBEAN MEAL—110 tons, Contessa, Havana
STARCH, CORN—4,832 bgs, Colonial, Manchester; 440 bgs, Atlantian, Manchester; 5 cs, Contessa, Havana
SULPHUR, CRUDE—1,019 sx, Lago, Port of Spain
TURPENTINE—50 dms, Atlantian, Manchester; (Contessa) 41 tons, Valparaiso; 2 tons, Callao; 16 tons, Cefalu, Talcahuano; 20 cs, Janna, La Guaira
WOOD—40 pkgs, Janna, Port au Prince

Port Arthur Exports

Clearance Dates

Akatsuki, September 14; American Press, September 16; Arminda, September 16; Benedick, September 14; Kollbjorg, September 15

ASPHALT—(Arminda) 2 dms, Cristobal; 10 dms, Colon
LIQUID—(Arminda) 2 cs, Cape Haitien; 4 dms, Puerto Plata; 1 cs, Ciudad Trujillo; 26 cs, Puerto Barrios
PETROLEUM—(American Press) 508 dms, Port au Prince; 1,655 dms, Ponce; 1,197 dms, Arrayo; 2,071 dms, Humacao; 1,000 dms, Cape Haitien
SOLID—(Arminda) 21 dms, Panama City; 7 dms, 3 cs, Puerto Barrios
GASOLINE—(Kollbjorg) 50,643 bbls, Rio de Janeiro; 38,619 bbls, Santos; 4,762 bbls, Rio de Janeiro-Santos; (Arminda) 200 bbls, Kingston; 350 bbls, Port au Prince; 250 bbls, Barranquilla; 250 bbls, Cristobal; 5 cs, 100 bbls, Panama City; 10 cs, Colon; 150 bbls, David; 200 bbls, Buenaventura; 1,500 cs, Puerto Barrios; 1,250 bbls, Limon
GREASE, LUBRIC—222 dms, Benedick, Bordeaux; (Arminda) 10 dms, 12 cs, Cape Haitien; 5 dms, La Romana; 224 dms, Port au Prince; 130 cs, 35 dms, 10 crts, Barranquilla; 22 dms, 5 cs, Puerto Plata; 9 cs, 20 dms, 1 crt, Colon; 115 cs, 5 ctns, Buenaventura; 1 dm, 2 cs, Guayaquil; 8 dms, 15 cs, Puerto Barrios; 2 dms, Limon
KEROSENE—10,214 bbls, Kollbjorg, Rio de Janeiro; (Arminda) 700 cs, Cape Haitien; 1,000 cs, La Romana; 1,500 cs, Puerto Plata; 50 bbls, Panama City; 1 dm, Colon; 25 dms, Puerto Barrios; 30 cs, Guatemala City
OIL, DIESEL—(Arminda) 15 dms, Ciudad Trujillo; 400 dms, 400 bbls, Puerto Barrios; 25 dms, Limon
LUBRICATING—(Arminda) 18 dms, 10 cs, Cape Haitien; 109 dms, 1 cs, Port au Prince; 97 dms, 170 cs, Barranquilla; 33 dms, 33 cs, Puerto Plata; 135 cs, 168 dms, Ciudad Trujillo; 87 dms, 6 cs, Cristobal; 15 dms, 18 cs, Panama City; 43 dms, 9 cs, Colon; 110 cs, 50 dms, Buenaventura; 2 dms, 5 cs, Guayaquil; 122 dms, 105 cs, Puerto Barrios; 102 dms, Limon
PAINT, PREPARED—(Arminda) 20 pls, Ciudad Trujillo; 1 dm, Colon
PARAFFIN—(Arminda) 3 bgs, Cape Haitien; 15 bgs, Puerto Plata; 15 bgs, Ciudad Trujillo; 200 bgs, Puerto Barrios
PETROLEUM, CRUDE — (Akatsuki) 66,077 bbls, Yokohama; 22,571 bbls, Gerzan
SOLVENT, CLEANING — 10 cs, 25 bbls, Arminda, Panama City
WAX DRESSING—3 cs, Arminda, Cape Haitien

San Francisco Exports

Clearance Dates

Balboa, August 17; City of Baltimore, August 19; Dinteldijk, August 25; District of Columbia, August 25; G C Brovig, August 23; Hoegh Silverstar, August 16; Hoegh Transporter, August 25; Kamakura, August 15; Kiyokawa, August 21; La Purisima, August 17; Oregon, August 16; Pacific Ranger, August 17; Parthenia, August 21; President Hayes, August 19; Rosebank, August 19; Silverbelle, August 15; Tacoma, August 19; Taybank, August 24; Villanger, August 23; Vitus Bering, August 17

ABRASIVES—1 cs, President Hayes, Manila
ACID, PATTY—90 sks, Kiyokawa, Panama
ALCOHOL, ISOPROPYL, ANHYD—55 dms, Pacific Ranger, London
AMMONIA, ANHYD—52 cyls, President Hayes, Manila
CHLORIDE—11 dms, Rosebank, Vancouver
APRICOT KERNELS—(Pacific Ranger) 500 sks, London; 170 sks, England; 125 sks, Tacoma, Hamburg; 150 sks, Parthenia, London; (Villanger) 600 sks, Holland; 125 dms, Belgium; 35 sks, England; 1,800 sks, Dinteldijk, Holland
ASBESTOS COATING, ROOF—7 dms, 1 cs, President Hayes, Manila
ASPHALT—(Silverbelle) 100 dms, 100 bdls, Durban; 50 dms, Lourenco Marques; 80 dms, Salisbury; 1,596 bbls, 200 dms, President Hayes, Singapore; (Hoegh Transporter) 27 bbls, Port Swettenham; 607 dms, Bombay
LIQUID—4 cs, Silverbelle, Durban
BIOLOGICALS, VET—1 cs, President Hayes, Pandacan; 1 cs, City of Baltimore, Panama
BOILER COMP — 2 crts, President Hayes, Manila
BONE ASH—2 dms, Silverbelle, Mombasa
CARBON—100 sks, Oregon, France; 102 sks, Dinteldijk, England
BISULPHIDE—50 dms, Silverbelle, Bogota; 20 dms, Taybank, Manila
CARBORUNDUM—1 pkg, Hoegh Transporter, Batavia
CEMENT, CAN—58 dms, 2 cs, Rosebank, Vancouver
LINOLEUM—5 pls, Dinteldijk, Colombia
ROOFING—21 cs, Silverbelle, Durban
VULCANIZING — (Silverbelle) 10 cs, Port Elizabeth; 6 cs, Beira; 10 cs, Capetown; 20 cs, Durban
CHEMICALS—20 kegs, Rosebank, Vancouver; (President Hayes) 18 cs, 1 bdl, 8 dms, Hongkong; 14 cs, 1 keg, 8 dms, Manila; 30 cs, 5 dms, Penang; 20 dms, Bangkok; 10 cs, 30 dms, Cochin; 4 cs, 1 bbl, 2 kegs, 13 dms, Haiphong; 7 cs, 20 dms, Singapore; 20 cs, Port Swettenham; 3 cs, Batavia
CHLORINE BLEACH, LIQ — 100 cs, Vitus Bering, Puerto Armuelles
LIQUID—40 cyls, Taybank, Philippine Islands
CINNAMON—20 bls, Silverbelle, La Paz
CLEANER—277 cs, 2 dms, La Purisima, Vancouver; 5 cs, Hoegh Transporter, Iloilo
COLLOIDION—1 cs, President Hayes, Hongkong; 2 cs, Taybank, Shanghai
COLOR, DRY—2 bbls, Hoegh Silverstar, Bahrein; 31 dms, President Hayes, Manila
COPRA CAKE—8,900 sks, Balboa, Aalborg
CORE COMP—20 sks, President Hayes, Manila
COTTON LINTERS—60 bls, Rosebank, Vancouver
DEODORANT, TABLETS—1 dm, Rosebank, Vancouver
DIATOMACEOUS EARTH — 100 sks, Silverbelle, Durban
DISINFECTANT—1 dm, Rosebank, Vancouver
ETHER—12 cs, President Hayes, Hongkong
FILLER, WOOD—12 cs, Silverbelle, Capetown
FLAXSEED, GRD—20 kegs, President Hayes, Manila
FLUORSPAR — 2 sks, Taybank, Philippine Islands
FLYSPRAY—3 cs, Hoegh Silverstar, Rangoon; 6 dms, La Purisima, Vancouver; 12 cs, President Hayes, Singapore; 5 cs, Hoegh Transporter, Madras
GASOLINE, NATURAL—16,500 bbls, District of Columbia, Vancouver
GLASS, BROKEN—40,000 lbs, President Hayes, Hongkong
WINDOW—4 cs, Taybank, Manila
GREASE—5 dms, La Purisima, Vancouver
LUBRIC—57 dms, 64 half dms, 266 cs, 953 pls, 281 qtr dms, La Purisima, Vancouver; 8 dms, President Hayes, Singapore; (Hoegh Transporter) 100 dms, Saigon; 30 cs, Sourabaya
GRINDELIA ROBUSTA—13 bls, Pacific Ranger, London; 19 bls, Tacoma, Hamburg
HYDROGEN PEROXIDE—10 cs, Rosebank, Vancouver
INK—17 kegs, Hoegh Silverstar, Batavia
PRINTING—1 cs, City of Baltimore, Colon; 1 cs, Taybank, Shanghai; 2 dms, Hoegh Transporter, Macassar
INSECTICIDE—15 dms, Silverbelle, Lourenco Marques; 30 cs, President Hayes, Singapore
AGRICULTURAL—104 pkgs, Silverbelle, Port Elizabeth
POWDER—11 cs, City of Baltimore, Panama
KEROSENE—100 dms, President Hayes, Manila
LACQUER—(Silverbelle) 2 dms, 101 cs, Capetown; 11 cs, 20 pls, Beira; 43 cs, 20 pls, Port Elizabeth; 13 cs, Durban; 4 kegs, Hoegh Silverstar, Bahrein
THINNER—300 pls, Silverbelle, Capetown; 5 dms, 80 pls, Silverbelle, Port Elizabeth
LARD—375 tins, City of Baltimore, La Guayra
LEAD, RED, DRY—50 kegs, Hoegh Silverstar, Cebu
WHITE, IN OIL—200 kegs, President Hayes, Manila
LIGHTER FLUID—39 cs, La Purisima, Vancouver
LINSEED CAKE—3,997 sks, Oregon, France
LITHARGE—5 pls, 20 bbls, President Hayes, Manila
MEDICINAL PREPS—(President Hayes) 3 cs, Bombay; 4 cs, Hongkong
METHYL BROMIDE—1 cyl, Silverbelle, Capetown
CHLORIDE—1 cyl, President Hayes, Colombia
MILLET SEED—15 sks, Rosebank, Victoria
MOLYBDENUM CONC—42 bbls, Kamakura, Yokohama
NAPHTHA—100 dms, La Purisima, Vancouver
NITROCELLULOSE—4 dms, Rosebank, Victoria
OIL, COCONUT—20 dms, Dinteldijk, Colombia
COTTONSEED—50 dms, Hoegh Transporter, Cebu
CYLINDER—135 dms, Hoegh Silverstar, Rangoon; (President Hayes) 250 dms, Penang; 215 dms, Singapore; 175 dms, Hoegh Transporter, Madras
DIESEL—65 dms, Hoegh Transporter, Bombay
FUEL—15,000 bbls, La Purisima, Vancouver
GAS—(Hoegh Silverstar) 7,114 bbls, Cebu; 5,925 bbls, Manila; 105,338 bbls, G C Brovig, Curacao
GRAPEFRUIT, COLD-PRESSED—5 cs, Silverbelle, Port Elizabeth
GRAPEFRUIT, DIST—8 cs, Silverbelle, Port Elizabeth
LEMON—1 cs, Kamakura, Yokohama
LUBRICATING—(Silverbelle) 5 dms, Port Elizabeth; 2 cs, Durban; 10 dms, Lourenco Marques; (Kamakura) 50 dms, Tsingtao; 410 dms, Takao; (Hoegh Silverstar) 5 dms, Batavia; 45 dms, Rangoon; 20 dms, Macassar; 13 cs, 175 dms, Bahrein; 80 dms, Fremantle; 12 dms, Bagdad; 40 bbls, Oregon, France; 1 cs, 10 dms, Pacific Ranger, London; (La Purisima) 1,298 dms, 197 cs, Vancouver; 4,900 bbls, Port Moody; (President Hayes) 401 dms, 5 cs, 35 pls, Singapore; 61 dms, Colombo; 200 dms, Bombay; 800 dms, Penang; 100 dms, Hongkong; 124 dms, Manila; 3 dms, City of Baltimore, Kingston; (Hoegh Transporter) 20 dms, 15 cs, Samarang; 605 dms, 60 cs, Bombay; 890 dms, Madras; 10 dms, Padang; 475 dms, Port Swettenham; 450 dms, Saigon; 177 dms, 20 cs, Karachi; 25 dms, 30 cs, Sourabaya; 80 dms, 10 cs, Batavia; 555 dms, Karachi; 393 dms, Bombay; 175 dms, Colombo
ORANGE, COLD PRESSED—1 dm, Silverbelle, Port Elizabeth
PETROLEUM—10 cs, Hoegh Transporter, Madras
SOYBEAN, SOLID—1 cs, President Hayes, Manila
RAPESEED—20 dms, La Purisima, Vancouver
TRANSFORMER—5 cs, Taybank, China
PAINT—(Silverbelle) 15 cs, Capetown; 8 cs, Port Elizabeth; 96 cs, 240 pls, Durban; 42 cs, 7 pls, Lourenco Marques; 2 pls, Hoegh Silverstar, Bahrein; 2 cs, Oregon, France; 1 cs, President Hayes, Arabia; 58 cs, Kiyokawa, Haiti; 15 dms, 1 cs, 50 pls, Hoegh Transporter, Manila
ALUMINUM—15 cs, President Hayes, Manila
BITUMINOUS—6 cs, 4 kgs, Dinteldijk, Colombia
ENAMEL—4 cs, Silverbelle, Capetown; 16 cs, President Hayes, Manila
LIQUID—50 kits, 15 cs, President Hayes, Manila
PASTE—42 kgs, Hoegh Silverstar, Bahrein; 7 cs, 5 pls, Oregon, France; 10 dms, Dinteldijk, Colombia
PREPARED—8 cs, President Hayes, Manila; 1 cs, Kiyokawa, Haiti; 45 kgs, Dinteldijk, Aalborg
REMOVER—1 cs, Silverbelle, Port Elizabeth
THINNER—1,749 pkgs, President Hayes, Cavite; 8 cs, Silverbelle, Capetown
PARAFFIN—(Silverbelle) 800 sks, Puerto Colombia; 3,600 sks, Buenaventura
PASTE, ADHES—40 dms, President Hayes, Hongkong
PEPPER, BLACK—(Silverbelle) 205 sks, Valparaiso; 213 sks, Talcahuano; 50 sks, Corral; 30 sks, Pimentel; 50 sks, La Paz; 250 sks, Kiyokawa, Ecuador
PERFUMERY—1 cs, La Purisima, Vancouver; 1 cs, President Hayes, Singapore; (Hoegh Transporter) 1 cs, Bombay; 1 cs, Singapore
PETROLEUM GAS, LIQ—30 cyls, Hoegh Silverstar, Bahrein
PRODDUCTS—2 cs, Hoegh Silverstar, Batavia
PHARMACEUTICALS—3 cs, Hoegh Silverstar, Semarang; (President Hayes) 2 cs, Karachi; 35 pkgs, Bombay; 17 pkgs, Madras; 20 pkgs, Hongkong; 8 cs, City of Baltimore, Panama; 7 cs, Taybank, Philippine Islands; (Hoegh Transporter) 23 pkgs, Madras; 2 cs, Singapore; 22 pkgs, Bombay
POLISH—(Silverbelle) 12 pls, 18 cs, Capetown; 8 cs, 2 pls, Port Elizabeth; (Hoegh Silverstar) 2 cs, Bahrein; 3 cs, Cebu; 70 cs, La Purisima, Vancouver; 1 cs, Hoegh Transporter, Iloilo
POTASH XANTHATE—(Rosebank) 28 dms, Vancouver; 624 dms, Britannia Beach
PUTTY—(Silverbelle) 20 cs, Capetown; 1 cs, Port Elizabeth; 3 cs, President Hayes, Manila
QUICKSILVER—2 flsks, Silverbelle, Mombasa
RAPESEED—2 sks, Rosebank, Victoria
RUST PREVENTATIVE—30 cs, La Purisima, Vancouver
SALT—(Rosebank) 125 sks, Chemainus; 518 tons, Vancouver; 100 sks, Taybank, Philippine Islands
SILVERSAND—170 dms, President Hayes, Manila; 60 sks, Taybank, Philippine Islands
SOAP—6 cs, President Hayes, Manila
SODA SILICATE—56 dms, Hoegh Silverstar, Manila; 100 dms, Rosebank, Vancouver
XANTHATE—4 dms, Pacific Ranger, Liverpool
12 dms, Taybank, Philippine Islands
SOLDERING FLUX—1 cs, Rosebank, Vancouver
SPRAY, ANIMAL—15 cs, Hoegh Silverstar, Sourabaya
SULPHUR—200 sks, Silverbelle, Capetown; 20 sks, Hoegh Silverstar, Cebu; 25 sks, President Hayes, Bangkok
SUNFLOWERSEED—5 sks, Rosebank, Victoria
TALLOW—75 dms, City of Baltimore, Havana
TOILET PREPS—1 cs, Kamakura, Tokyo; (Hoegh Silverstar) 1 cs, Basrah; 6 cs, Malang; (President Hayes) 19 cs, Manila; 6 cs, Hongkong; 10 cs, Singapore; 1 cs, Hoegh Transporter, Madras; 3 cs, Rosebank, Vancouver
TREE SEAL—12 cs, Silverbelle, Capetown
TURPENTINE—1 dm, Hoegh Transporter, Iloilo
VARNISH—52 cs, President Hayes, Manila
COPAL—10 cs, 10 kits, President Hayes, Manila
WATERPROOFING COMP — (Hoegh Transporter) 10 pls, Medan; 10 pls, Belawan
WAX—1 cs, President Hayes, Arabia
BEES—1 cs, La Purisima, Vancouver
YERBA SANTA—23 sks, Tacoma, Hamburg
ZINC DUST—20 dms, Rosebank, Vancouver; 500 dms, Taybank, Manila

Tampa Exports

Clearance Dates

W M Delphia, September 15; King City, September 14; Livenza, September 19; Stensby, September 17

GASOLINE—12 dms, W M Delphia, Belize
GREASE—3 cns, W M Delphia, Belize
LEAD, WHITE—3 cns, W M Delphia, Belize
OIL, LINSEED—3 cns, W M Delphia, Belize
PAINT—9 cns, W M Delphia, Belize
PHOSPHATE—7,802 tons, King City, Selkoshin; 1,995 tons, Livenza, Italian Ports; 6,546 tons, Stensby, Sorel
TURPENTINE—1 cn, W M Delphia, Belize

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—48,888 bbls, Yarbo Linda, Beaumont; 72,001 bbls, Gulfqueen, New York; 81,658 bbls, W C Fairbanks, Bayonne, N J; 89,814 bbls, Livingston Roe, New York; 70,912 bbls, M F Elliot, Baytown
OIL, FUEL—50,706 bbls, Gertrude Kellogg, New London
GAS—68,718 bbls, C A Canfield, Philadelphia
PETROLEUM, CRUDE—85,670 bbls, Java Arrow, New York; (Thermo) 49,926 bbls, Texas City; 47,741 bbls, Baytown; 45,491 bbls, Dannedaike, Texas City; 141,199 bbls, Charles G Black, Baytown; 27,926 bbls, Federal, Baytown; 70,104 bbls, Halo, Baytown; 71,848 bbls, Thomas H Wheeler, Bytown; 115,515 bbls, E T Bedford, Baytown

Los Angeles Coast Trade

GASOLINE — 5,087 bbls, San Diegan, San Diego; 67,532 bbls, Tejon, Portland; 74,681 bbls, Utacarbon, Oleum; 80,775 bbls, Huguenot, Seattle; 69,675 bbls, Dirigo, Seattle; 8,281 bbls, San Diegan, San Diego; 7,205 bbls, Lebec, Seattle
OIL, DIESEL—2,946 bbls, San Diegan, San Diego; 10,751 bbls, Tejon, Portland; 1,227 bbls, Agwiworld, Portland
FUEL—9,629 bbls, Texada, Seattle; 3,041 bbls, Tejon, Portland; 2,425 bbls, Coast Miller, Portland; 3,000 bbls, Scotia, Eureka; 33,587 bbls, Agwiworld, Portland; 45,860 bbls, Torres, Seattle; 61,168 bbls, Lebec, Seattle
PETROLEUM, CRUDE — 61,085 bbls, La Placentia, Oleum; 22,918 bbls, Agwiworld, Portland

Recent Charters

PETROLEUM — 40,000 bbls, S S Dixiano, Bunker "C," Gulf to Tampa, 17c; Port Everglades, 19c; Miami, 19c; Jacksonville, 24c, two trips; September
—— tons (Tanker), dirty, Gulf to Spain; owner pays bonuses and war risk rate; October
4,959 tons, S S Gard, California to Japan, $5; three trips; October
—— tons (Tanker), dirty, Gulf to Havre, $15 per ton; charter pay war risk rates
2,452 tons, S S Norne, crude, Venezuela to North of Hatteras, 20c a barrel; prompt
4,807 tons, S S Nyholt, dirty, part cargo 9,000 tons, Gulf to Guayaquil, 40c a barrel, followed by two consecutive voyages, California to Japan, October; $5 for first trip, $4.50 for second
4,013 tons, S S American Trader, clean, Gulf to North of Hatteras; September; gasoline, 28c; kerosene, 30c, and 32c, heating oil
5,882 tons, S S Thorsholm, California to Japan, $5 per ton; October
4,126 tons, S S Thorshavn, California to Japan, $5 per ton; October
6,602 tons, S S Thorshavet, California to Japan, $5 per ton; October
3,830 tons, S S Norfolk, dirty, Aruba to Brazil; September-October
4,262 tons, S S Dillwyn, crude oil, according to gravity, two trips, Gulf to North of Hatteras, 27c, 28½c a barrel; October
SULPHUR—730 tons, S S Patria, Gulf to South America; October

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended September 20

Codliver oil, 59 drums; non destearinated and not so labeled.
Cumin seed, 100 bags; filthy.
Insecticide, two cases; below professed standard.
Medicinal preparation, one case; below professed standard; false and misleading statements.
Medicinal preparation, one case; new drug.
Medicinal preparation, one case; dangerous drug; new drug.
Medicinal preparation, one case; false therapeutic claims.
Nicaraguan balsam, five cases; restricted use.
Nutmegs, 320 bags; restricted use.
Pollack liver oil, 600 drums; restricted use.

Week Ended September 27

Cassia oil, 20 drums; not U.S.P.
Codliver oil, 25 drums; non-destearinated and not so labeled.
Cod oil, 95 drums; restricted use.
Eucalyptus oil, 10 drums; restricted use.
Fruit flavors, 1 case; false and misleading statements.
Hair tonic, 2 cases; false and misleading statements; alcohol not declared.
Medicinal preparation, 1 parcel; new drug.
Nutmegs, 585 bags; restricted use.

Baltimore

Week Ended September 20

Stock feed, 4,900 bags; restricted use.
Medicinal preparation, one package; false therapeutic claims.

Boston

Week Ended September 20

Medicinal preparation, one package; new drug.
Medicinal preparation, one package; false therapeutic claims; alcohol not declared.

Week Ended September 27

Medicinal preparation, 1 parcel; new drug; dangerous to health.
Medicinal preparation, 1 parcel; new drug; false therapeutic claims; dangerous to health.

Buffalo

Week Ended September 20

Medicinal preparation, one package; new drug; false and misleading statements.

Week Ended September 27

Medicinal preparation, 1 package; false and misleading statements.
Medicinal preparations, 3 cases; new drug; false therapeutic claims.

Los Angeles

Week Ended September 14

Medicinals, 4 cases; false therapeutic claims.

Philadelphia

Week Ended September 20

Codliver oil, 65 drums; restricted use.
Hair dye, 2 parcels; no caution statement,

Industrial Uses of Chemicals and Related Materials

(Formerly Styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-sixty-fifth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Butylpara-aminophenol Sulphate, Normal

Petroleum

Addition agent (Brit. 503400) for—
Motor fuels

Photographic

Developing agent (Brit. 503400) in—
Photographic processes

1-Chlor-2-nitrobenzene 4-Methylsulphoxide

Dye

Reactant in—
Dye syntheses
Starting point (Brit. 467549 and 500026) in making—
Dyestuffs, giving yellow and greenish-yellow shades, of good fastness to light, with—
Anilin
Mesidene
Metatoluidin
Orthotoluidin
Paratoluidin
Pseudocumidin
Xylidin

2:6-Dichlorobenzyldecylmethylsulphonium Ethylsulphate

Disinfectant

Bactericide (U.S. 2155504) for—
Coli bacilli (1:1000)
Diphtheria bacilli (1:10,000)
Staphylococci (1:10,000)
Typus bacilli (1:1000)

Fuller's Earth

(Continued from Sept. 25 issue)

Fats, Oils, and Waxes

Absorbent for—
Animal oils
Edible oils
Fats
Fish oils
Greases
Mineral oils
Vegetable oils
Adsorbent for—
Colloidal particles
Coloring matters
Dispersed substances
Dissolved substances
Impurities
Suspended substances
Adsorption agent in fractionating—
Essential oils
Aid in—
Processing (Ger. 216281, 344633, 347153, 367156, 379153, 388193, and 406068; French 548029, 582263, and 607151; Brit. 245745 and 393108; U.S. 1105743, 1114095, 1138201, 1158664, 1200713, 1224291, 1232830, 1242624, 1246379, 1247516, 1251202, 1284750, 1386471, 1425882, 1425883, 1425884, 1476330, 1482740, and 1505438)
Bleaching agent for—
Animal oils
Edible oils
Fats
Fish oils
Greases
Inedible oils
Lards
Mineral oils
Tallow
Vegetable oils
Waxes (U.S. 1159450, 1178532, and 1439171; Ger. 216281)
Catalyst in—
Polymerization process (U.S. 1337523)
Purifying process (U.S. 1246379 and 1340889)
Cataylst carrier (U.S. 1138201, 1151003, 1152591, 1154495, 1158664, 1247516, 1251202, 1280314, 1280315, 1282296, 1476330, and 1482740) in hydrogenation of—
Animal oils
Fatty acids
Fats
Fish oils
Greases
Lards
Tallow
Vegetable oils
Catalyst poison remover in treatment of—
Fats
Greases
Marine animal oils (U.S. 1132710 and 1247516)
Oils
Clarifying agent for—
Animal oils
Edible oils
Fats
Fish oils
Greases
Inedible oils
Lards
Mineral oils
Tallow
Vegetable oils
Decolorizing agent for—
Animal oils
Edible oils
Fats
Fish oils
Greases
Inedible oils
Lards
Mineral oils
Tallow
Vegetable oils
Waxes (U.S. 1132054 and 1492184)
Filtering medium for—
Animal oils
Edible oils
Fats
Fish oils
Greases
Inedible oils
Lards
Mineral oils
Tallow
Vegetable oils
Process material in making—
Linseed oil substitutes (U.S. 1254866 and 1384447)
Solvent for grease (U.S. 1224485)
Recovering agent (U.S. 1224291, 1242624, and 1247516) for nickel catalyst from—
Hydrogenated fats and oils
Remover (U.S. 1247516), from marine animal oils, of—
Arsenic compounds
Chlorine compounds
Cyanide derivatives
Iodine compounds
Phosphorus compounds
Sulphur compounds
Remover of—
Terpenes from citrous oils

Food

Adsorbent in—
Color detection
Purifying processes
Clarifying and filtering agent for—
Fruit juices (U.S. 1458427)
Various food products and ingredients
Decolorizing agent for—
Cacao oil (U.S. 1386471)
Process material in making—
Cocoa extract (U.S. 1218536)
Vitamin-free food product (U.S. 1505551)
Glucose (U.S. 1185262)

Fuel

Decolorizing agent (U.S. 1239100) for—
Liquid fuel
Refining agent (U.S. 1221698, 1439171, and 1515733) for—
Naphtha

Insecticide

Carrier (U.S. 1520197) for—
Tomato plant rusticide

Leather

Deliming agent (U.S. 1382124) for—
Hides
Pelts
Skins

Linoleum and Oilcloth

Process material (U.S. 1254866) in making—
Linoleum drying oil

Lubricant

Bleaching agent for—
Lubricants
Clarifying agent for—
Lubricants
Filtering medium for—
Lubricants
Neutralizing agent in—
Refining processes
Process aid in making—
Cutting oils (U.S. 1425882, 1425883, and 1425884)
Lubricants (U.S. 1127465, 1190538, 1277329, 1303292, 1439171, 1504772, and 1509325)
Reclaiming agent (U.S. 1201354, 1281355, and 1518684) for—
Used lubricants

Metallurgical

Absorbent (French 755709; U.S. 1279918) in—
Rustproofing processes for iron and steel
Ingredient (U.S. 1514731) of—
Core compound
Parting compound
Process material in—
Gold extraction from seawater (U.S. 1358096)
Steel treatment (U.S. 1489118)

Milk Products

Process material in making—
Casein (vitamin-free) (U.S. 1505551)
Casein composition (U.S. 1437487)
Milk substitute (U.S. 1332562)

Miscellaneous

Absorbent for various purposes
Adsorbent for—
Colloidal particles
Coloring matters
Dispersed substances
Dissolved substances
Suspended substances
Bleaching agent in various processes
Decolorizing agent in various processes
Disintegration retardant and filler (U.S. 2071094) in—
Deodorant (admixture with sodium chlorite and potassium biphosphate)
Filtering medium in various processes
For various domestic purposes
Ingredient of—
Brakelining dressing (US, 1338811 and 1461386)
Cleaner (U.S. 1316090)
Coating composition (U.S. 1179413)
Decoloring agent (admixture with diatomaceous earth) (U.S. 1272197)
Filtering process (U.S. 1505251)
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"Sympathetic" color (U.S. 1402442)
Waterproof material (U.S. 1233252)
Process material in making—
Lanolin (U. S. 1194013, 1194014, 1194015, and 1201042)
Vitamin product (U.S. 1173317)
Substitute for—
Talcum powder

Naval Stores

Clarifying agent (U.S. 1505438) for—
Turpentine
Clarifying agent (U.S. 1127465) in making—
Turpentine substitute

Paint and Varnish

Ingredient of—
Finish removers (U.S. 1145980 and 1160394)
Process material in making—
Cement and concrete paints (U.S. 1179413)
Drying oil (U.S. 1254866)
Lampblack substitute (U.S. 1424414)
Pigments

Paper

Deinking agent (U.S. 1138085 and 1421195) for—
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Iron-remover (U.S. 1150194) for—
"Sweet water"
Process material in making—
Pigments for wallpaper

Perfume

Catalyst in making—
Alkyl substituted cyclopentanones (jasmine-like odors) (Ger. 625758)
Dehydro-jasmone (Ger. 639455)
Ionone from pseudoionone
Isopulegol from citronellal
Phenolic esters
Polyterpenes from pinene

Petroleum

Adsorbent for—
Colloidal particles
Coloring matters
Dispersed substances
Dissolved substances
Impurities
Suspended substances
Adsorbent (U.S. 1788569, 1937113, 1956716, and 1969737) in—
Refining processes
Aid in—
Processing (Brit. 353307, 387447, 394404, and 413412; U.S. 1127465, 1132054, 1159450, 1175910, 1178532, 1190538, 1221698, 1239423, 1240792, 1277092, 1277329, 1277605, 1278023, 1303292, 1312375, 1324075, 1347932, 1404374, 1404375, 1408656, 1439171, 1457656, 1471201, 1476330, 1492184, 1504772, 1508625, 1509325, 1515733, 1897328, 1904381, and 1906356)
Bleaching agent for—
Petroleum
Petroleum distillates, oils, petrolatums, waxes, and so on
Catalyst in—
Cracking process (U.S. 386768)
Polymerization process (U.S. 1337523)
Purifying oils (U.S. 1340889)
Decolorizing agent for—
Petroleum
Petroleum distillates, oils, petrolatums, waxes, and so on
Dewaxing agent for—
Paraffin from wax distillate (U.S. 1509325)
Filtering medium for—
Petroleum
Petroleum distillates, oils, petrolatums, waxes, and so on
Ingredient (U.S. 1903094) of—
Combined neutralizing and clarifying agent (admixture with lead oxide and sodium hydroxide)
Neutralizing agent in—
Refining processes
Preventer (U.S. 1489725) of—
Gasoline evaporation
Process aid in making—
Safety oil (U.S. 1277605)

Orthohydroxydiphenyl

Chemical

Melting-point depresser (Brit. 461237 and 501527) in—
Spinning and extruding processes for superpolyamides

Phenylheptadecyl Ketone, Dichlorinated

Lubricant

Claimed (Brit. 481338 and 487642) as—
Lubricant
Starting point (Brit. 481338 and 487642) in making—
Extreme pressure lubricants by admixture in equal parts with Pennsylvania bright stock

Resorcinol Monomethylether Diethylcarbamate

Pharmaceutical

Claimed (Brit. 493465) to have properties of—
Vermicide for animals

Terephthal-2:4-dichloroanilide Chloride

Chemical

Intermediate (Brit. 489430) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 489430) in making—
Synthetic dyestuffs

Textile

Assistant (Brit. 489430) in—
Textile processing

5167 informative articles that have appeared in this department have been collected in a big book of universal usefulness to producers and users. **You Need It.** **$10** Postage paid in U. S. plus 39c postage elsewhere

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
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Agencies Wanted

PHILADELPHIA DISTRIBUTOR of high standing now representing nationally known manufacturers of heavy chemicals desires to secure the representation of other products. Sales organization covers all industry, including textile, leather and laundry. Write in full detail. BOX 474, Oil, Paint and Drug Reporter.

ESTABLISHED CINCINNATI firm covering Ohio and Louisville, Kentucky, would be interested in representing A-1 producers of pigments, oils, chemicals or other raw materials. BOX 553, Oil, Paint and Drug Reporter.

Capital Offered

IF COLOR manufacturer wants capital, am willing to listen to any proposition. Know the business. BOX 548, Oil, Paint and Drug Reporter.

Equipment Offered

FROM PLANT liquidations:—Six 900 gals. closed, agitated jac. kettles; 3,000 pound jack. horiz., steel powder mixer, 20 h.p. motor driven; Tolhurst 32-inch rubber lined centrifugal; two 6-foot diameter Buffalo vacuum crystallizers; jacketed agitated vacuum stills, 25 to 2,000 gals., glass lined and steel; glass lined and steel storage tanks; 3 ft. by 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. by 36 in.; pebble and jar mills to 250 gals. capacity; filter presses to 36 in. square; Stedman 42 in. disintegrator; tablet machines, one-half in. to 2 in. single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

FOR SALE.—Two 6x8 ft. pebble mills, 16x 40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE.—One—Ross roller mill 30 by 12 non-water cooled; sacrifice, or will exchange for other machinery useful to us such as small agitator, mixer, etc. BOX 550, Oil, Paint and Drug Reporter.

Glass Jars

AMBER JARS for sale, up to 350 gross of 4 oz. with 48 mm. gold lacquered wax pulp screw tops C.T. (Hazel-Atlas make); close-out price. Henry K. Fort Co., 2227 N. American street, Philadelphia, Pa.

Investment Offered

LONG ESTABLISHED New York Jobbers require experienced trader. Interest in business to right man with some capital. Write fully. Confidential. Also interested acting as New York agents. BOX 551, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE.—75,000 gals. nitrocellulose solution; 50 tons fish oil soap; 50 tons cod liver oil fatty acids; 60 tons linseed oil skins; 10 tons single nickel salts; 100 bags varnish gums; 65 drums alkyd varnish, 4 tons "Sturgis" chalk; 1 ton neutral wool grease. Also other items. What are you in market for? Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Positions Vacant

WANTED:—A salesman about 35 with fundamental knowledge of chemistry and successful selling record of pigments or chemicals to paint or rubber trade. Good opening with whiting manufacturer in middlewestern territory. BOX 547, Oil, Paint and Drug Reporter.

WANTED:—Man qualified as buyer for a wholesale drug company. BOX 549, Oil, Paint and Drug Reporter.

LONG ESTABLISHED chemical concern with headquarters in New York City, has worthwhile opening for man experienced in chemical sales. Please state experience and qualifications. BOX 554, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST, ENGINEER with 26 years manufacturing experience, 47 years old. Had charge chemical plant during last war. Have never been out of work all during depression. Available on short notice. BOX 524, Oil, Paint and Drug Reporter.

TECHNICAL GRADUATE, age 37, experienced in research and sales in rubber, pyroxylin and coated textiles. Desires connection in sales capacity. BOX 538, Oil, Paint and Drug Reporter.

GRADUATE CHEMIST, Protestant, now employed, sales experience, desires position in technical sales of chemicals, paint products or raw materials to paint industry in Metropolitan area and New England. Salary secondary to opportunity. BOX 546, Oil, Paint and Drug Reporter.

Positions Wanted

SALES EXECUTIVE (pharm. chemist).—Unusual background of national promotion and salesmen's training, on industrials, chemicals, surgicals, specialties, etc. Young at 45, aggressive, responsible, highest integrity now engaged. Philadelphian. Salary and/or commission, or consider taking over reliable plant without immediate investment. BOX 552, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

HIGHER MARKETS.—sell now. Wanted—surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also, wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WILL PURCHASE for cash any quantity surplus chemicals, oils and drugs. Exporters inquiries solicited. Write Department J. B. Strohmeyer & Arpe Co., 139 Franklin street, New York City.

WANTED

We will buy your idle or surplus machinery — single items to complete plants.

Send us a list of Kettles, Filter Presses, Dryers, Mixers, Roller Mills, Pulverizers, Crushers, Pumps, etc.

SPECIALS—FOR SALE

12—10 ft. x 30 ft. Vertical Closed Steel Storage Tanks, 18,000 gals.
2—24 in. Badger Copper Rectifying Columns, complete — others 8 in. to 72 in.
1—400 gals. Stainless Steel Jacketed Kettle.
4—Bartlett and Snow Steel Jacketed Agitated Digestors, 1600 gals.
18—Jacketed Copper and Aluminum Kettles 20 gals. to 500 gals.
1—Proctor and Schwartz 4-truck Dryer, 1000 sq. ft. drying surface.
2—Vallez Rotary Filters, 25 filter plates; about 450 sq. ft. of filtering surface.
1—Devine 3 ft. x 9 ft. Double Bronze Drum Rotary Vacuum Drum Dryer.
7—3-roll Roller Mills, up to 16 x 40.
12—Vacuum Shelf Dryers, all sizes.
1—W. & P. Vacuum Mixer, 100 gals.; other W. & P.'s 2-gals. to 2650 gals.
2—Devine 5 ft. x 30 ft. Rotary Vacuum Dryers.
12—Ball Mills, 10 gal. to 500 gal.
1—Shriver 42 in. x 42 in. cast iron filter press, plate and frame, 30 chambers.

Many other attractive bargains. Send for latest circulars.

Consolidated Products Co., Inc. 13-18 Park Row :: :: New York, N.Y.
SHOPS 335 Doremus Ave., Newark, N.J.

Bids Wanted

Alumina Sulphate:—50,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 209, opening October 9.

Ammonium Nitrate:—5,250,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 408, opening October 6.

Chlorosulphonic Acid - Sulphur Trioxide Sol:—Lots of 230,000 and 260,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 169, opening October 10.

Calcium Resinate:—1,200 pounds; Commanding Officer, Frankfort Arsenal, Philadelphia, Pa.; procurement 380, opening October 6.

Enamel, Long Oil:—13,500 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 204, opening October 9.

Green, Chrome, Pigment:—11,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3631, opening October 5.

Iron Nitrate:—150 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 137, opening October 6.

Lead, Dry Red:—40,000 pounds; U. S. Engineer, Second and Chestnut streets, Philadelphia, Pa.; procurement 99, opening October 4.

White:—6,000 pounds, U. S. Engineer, Second and Chestnut streets, Philadelphia, Pa.; procurement 99, opening October 4.

Manganese Ore:—Quantity, ferro grade; Procurement Division, Treasury Department, Washington, D. C.; procurement S-1, opening October 19.

Quantity, ferro grade; Procurement Division, Treasury Department, Washington, D. C.; procurement S-2, opening October 19.

Magnesium:—3,000 pounds; Commanding Officer, Frankfort Arsenal, Philadelphia, Pa.; procurement 380, opening October 6.

Oil, Cutting:—4,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 211, opening October 9.

Lubricating:—5,000 gallons for Sewall's Point, Va., and Mare Island, Cal.; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 900-2793, opening October 6.

Neatsfoot:—1,350 gallons; Commanding Officer, Benicia Arsenal, Calif.; procurement 16, opening October 12.

Sulphochlorinated Cutting:—2,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 407, opening October 9.

Paint, Exterior:—63,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3631, opening October 5.

Paints and Varnishes:—Various quantities; Commanding Officer, Benicia Arsenal, Calif.; procurement 10, opening October 4.

Soap, Laundry:—90,000 pounds; Chief, Purchase Division, Procurement Division, Treasury Department, Washington, D. C.; invoice 6708-S3, opening October 6.

Soda, Sal:—2,000 pounds; U. S. Engineer, Second and Chestnut streets, Philadelphia, Pa.; procurement 98, opening October 4.

Sodium Cyanide:—5,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 213, opening October 9.

Toluol:—1,872 gallons; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 262, opening October 5.

Zinc Cyanide:—5,200 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 213, opening October 9.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Aluminum paste:—Purchase and agency; Montreal, Canada (3793).

Aniline dyes:—Agency; Stockholm, Sweden (3846).

Bronze powder:—Purchase and agency; Montreal, Canada (3793).

Chemicals, industrial:—Agency; Buenos Aires, Argentine (3842).

Cosmetics:—Agency; Alexandria, Egypt (3844).

Epsom salts:—Agency; San Jose, Costa Rica (3843).

Linseed oil:—Agency; Johannesburg, South Africa (3805).

Medicinals:—Agency; Sydney, Australia (3795).

Medicinals:—Agency; Salisbury, South Rhodesia (3847).

Paint materials:—Agency; Buenos Aires, Argentina (3842).

Paint materials:—Agency; Toronto, Canada (3824).

Paints:—Agency; Salisbury, South Rhodesia (3847).

Pharmaceuticals:—Agency; Salisbury, South Rhodesia (3847).

Pharmaceuticals:—Agency; Alexandria, Egypt (3844).

Pharmaceuticals:—Agency; Singapore, Straits Settlements (3796).

Resins, synthetic:—Agency; Toronto, Canada (3824).

Shellac:—Agency; Toronto, Canada (3824).

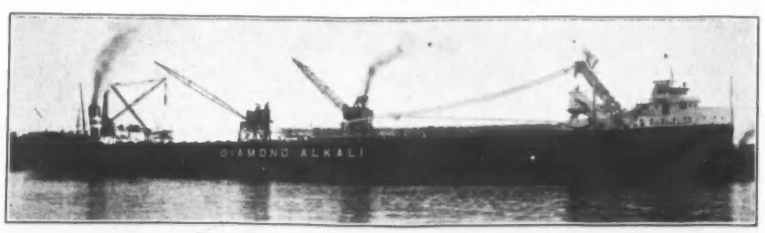
Toilet preparations:—Agency; Alexandria, Egypt (3844).

Turpentine:—Purchase and agency; Sydney, Australia (3790).

Wax synthetic, crude:—Agency: Toronto, Canada (3824).

'Diamond Alkali' Self-Unloader Cost $500,000

The 600-foot steel freighter Frank H. Goodyear was rechristened the "Diamond Alkali" at a special ceremony recently at the Mantowoc Shipbuilding Company, Wis. Approximately $500,000 was spent in converting the freighter into a self-unloader. Its boom is 240 feet long, the largest of any self-unloader on the Great Lakes. The "Diamond Alkali" will go into the stone and coal carrying trade. Arthur Richards, president of the Diamond Alkali Company, attended the rechristening ceremonies.



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NEW YORK CITY

Zinc Chloride Freights Up

The New York Public Service Commission has approved cancellation by the New York Central (East) and West Shore of its commodity freight rates on zinc chloride carload, from Niagara Falls to Long Island stations. In future class rates apply. Effective October 5, 1939.

German exports of chemicals and allied products in 1938 totaled $263,200,000.

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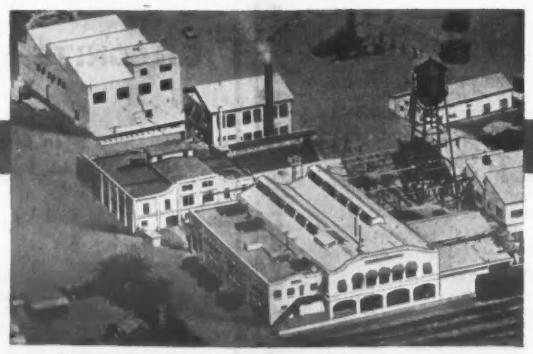

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